

STANDARD INFORMATION

If the project requires any changes to the Certification Data Report outside of Section 1, then this SUN applies.

Standard: UL 1203

Standard ID: Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations [UL 1203:2023 Ed.6+R:30May2024]

Previous Standard ID: Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations [UL 1203:2023 Ed.6+R:05Oct2023]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **December 31, 2029**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: No action is required for currently certified products. If modifications to the product after the effective date require an evaluation and/or testing, then the product must undergo re-evaluation to the new requirements.

Overview of Changes: Adds a marking for component enclosures that have been tested for explosion pressure and propagation effects of short-circuit testing with circuit breakers. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
	Info	PART IV – MARKINGS AND INSTRUCTIONS
59	Info	Details
		Electrical enclosures for Class I only, intended to protect arcing contacts after final installation that are investigated with respect to explosion and fire hazard only without all installable interrupting contacts present during the investigation
59.23		<p>A component enclosure that has been tested for explosion pressure and <u>propagation effects of short-circuit testing with circuit breakers</u> shall be marked with the word "CAUTION" and the following or equivalent wording: "To prevent external fire or explosion do not install switching equipment intended to interrupt more than _____ rms symmetrical amperes at _____ Volts A/C. Do not install equipment that will produce external surface temperatures exceeding the ignition temperature of the flammable or combustible materials which may surround this enclosure." and "Current-interrupting devices, such as switches, relays and circuit breakers, which may be installed in the enclosure may fail electrically or mechanically unless they have been investigated and found suitable for operation in the hazardous locations involved." <u>The marking shall be readily visible during installation of the equipment and located inside of the enclosure. The marking shall be permitted to be included on an adhesive or pressure sensitive label or the equivalent.</u></p>
		Clause deleted;
59.24		The marking specified in 59.23 shall be readily visible during installation of equipment inside the enclosure. The marking may be on a pressure sensitive label or the equivalent. The marking may be on the same label as the marking specified in 59.23 or on a separate label.