STANDARDS UPDATE NOTICE (SUN)
ISSUED: February 10, 2025

STANDARD INFORMATION

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

Standard: CSA C22.2 No. 141
Standard ID: Emergency Lighting Equipment [CSA C22.2#141:2024 Ed.6]
Previous Standard ID: Emergency Lighting Equipment (R2020) [CSA C22.2#141:2015 Ed.5]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: April 26, 2026

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:

- Addition of new requirements for marking equipment that does not meet the requirements of ICES-005
- addition of a new over-voltage test
- addition of new requirements to address lamp conditioning and the maximum test voltage for a remotely operated luminaire during the light output test

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		Additions to existing requirements are <u>underlined</u> and deletions are shown ~~lined out~~ below.
6	Info	**Marking**
6.19		*New clause added;* **Emergency lighting equipment emissions causing interference** Emergency lighting equipment that does not meet provisions of Annex D shall be clearly marked as follows: THIS EMERGENCY LIGHTING EQUIPMENT DOES NOT NECESSARILY MEET INTERFERENCE-CAUSING EQUIPMENT REQUIREMENTS. and CE MATÉRIEL D'ÉCLAIRAGE D'URGENCE NE RENCONTRE PAS NÉCESSAIREMENT LES EXIGENCES POUR LE MATÉRIEL BROUILLEUR. This marking shall be visible after installation.
7	Info	**Tests**
7.7		*New clause added;* **Over-voltage test — Extreme input voltage** The over-voltage test shall be conducted after the temperature test (see Clause 7.6). The equipment shall be subjected to a cycle in which it is disconnected from the supply for a 24 h period, during which the battery shall be allowed to discharge and recharge. The recharge period shall be performed at the maximum supply voltage specified for extreme operating conditions (see CSA C235, Table 2). After the battery unit has recharged and temperatures have stabilized, there shall be no evidence of damage representing a risk of fire or electric short.

CLAUSE	VERDICT	COMMENT
Annex C	Info	**Emergency light illuminance — Light output**
C.2	Info	**Performance**
C.2.6		*New clause added;* A luminaire supplied by a separated emergency source of power shall be tested using an external power supply set at 83.125% of the voltage rating of the lamp. Note: The external power supply is set to account for the minimum end of discharge voltage (87.5%) and for a maximum permitted 5% voltage drop in accordance with the Canadian Electrical Code, Part I.
Annex D		*New annex added;* **Annex D (informative)** **Interference produced by operation of emergency lighting equipment to communication systems** Note: This Annex is not a mandatory part of this Standard. Innovation, Science, and Economic Development Canada (ISED) requires lighting equipment to comply with its ICES-005 standard.