STANDARDS UPDATE NOTICE (SUN)
ISSUED: June 3, 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. 61010-2-033
Standard ID: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular Requirements for Hand-Held Multimeters and Other Meters, for Domestic and Professional Use, Capable of Measuring Mains Voltage [CSA C22.2#61010-2-033:2024 Ed.3]
Previous Standard ID: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular Requirements for Hand-Held Multimeters and Other Meters, for Domestic and Professional Use, Capable of Measuring Mains Voltage [CSA C22.2#61010-2-033:2020 Ed.2]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 31, 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:

- New requirements for surge protective devices
- Revised requirements for CLEARANCES and CREEPAGE DISTANCES
- New requirements for Protection against the spread of fire and arc flash
- New requirements for Solid insulation

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

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 underlined and deletions are shown ~~lined out~~ below.

The following changes have been identified in the foreword of the standard:
Clause 2, all normative references have been dated and new normative references have been added;
4.4.2.101 is a new subclause about surge protective devices;
Subclause 6.6.101 modifies 6.6.101 and 6.6.102 of previous edition: 1) in 6.6.101.1, insulating material of group I may be allowed for determination of CREEPAGE DISTANCES of measuring circuit TERMINALS; 2) in 6.6.101.2, CLEARANCES and CREEPAGE DISTANCES up to 3 000 V for measuring circuit TERMINALS in unmated position have been defined; 3) in 6.6.101.3, requirements for measuring circuit TERMINALS in partially mated position have been specified; 4) in 6.6.101.4, requirements for measuring circuit TERMINALS in mated position have been specified; 5) Subclause 6.6.101.5 replaces 6.6.102;
Subclause 6.101 replaces 6.9.101 of the previous edition with modifications;
9.101 is a new subclause to consider the protection of measuring circuits against the spread of fire and arc flash;
In 9.101.2, relocation of 101.3 of previous edition;
In 9.101.3, relocation of 101.4 of previous edition;
In 101.3, relocation of Clause 102 of previous edition;
In K.2.1, another method for determination of CLEARANCES of secondary circuits is proposed;
In K.3.2, new Table K.15 and Table K.16 for CLEARANCE calculation;
Clause K.4 of the previous edition has been deleted;
Subclause K.101.4 has been reviewed;
Table K.104 of the previous edition has been deleted;
Annex AA: Figure AA.1 has been redesigned;
Annex EE: addition of a new informative annex for determination of CLEARANCES for the purposes of Table 101.

CLAUSE	VERDICT	COMMENT
The following changes have been identified as having the most impact on current products:		
4	Info	**Tests**
4.4.2.101		***New clause added;*** **Surge protective devices** Surge protective devices used in MAINS CIRCUITS or in circuits measuring MAINS shall be short-circuited and open-circuited.
6	Info	**Protection against electric shock**
6.6.101		***New section added;*** **Measuring circuit TERMINALS** When determining the values of CREEPAGE DISTANCES for measuring circuit TERMINALS of a hand-held multimeter intended to be connected only to a hand-held probe assembly complying with IEC 61010-031:2022, or to a current sensor complying with IEC 61010-2-032:2023, the applicable values of CREEPAGE DISTANCES from material group I are allowed to be applied to all material groups. See standard for details.
9		***New section added;*** **Protection against the spread of fire and arc flash** The hand-held multimeter shall provide protection against fire or arc flash resulting from NORMAL USE and REASONABLY FORESEEABLE MISUSE of measuring circuits, as specified in a) and b) below: See standard below.
Annex K	Info	**Insulation requirements not covered by 6.7**
K.101	Info	**Insulation requirements for measuring circuits RATED for MEASUREMENT CATEGORIES**
K.101.4		***New section added;*** **Solid insulation** Solid insulation shall withstand the electrical and mechanical stresses that may occur in NORMAL USE, in all RATED environmental conditions (see 1.4), during the intended life of the hand-held multimeter. Conformity is checked by both of the following tests: See standard for details.