

## STANDARD INFORMATION

**Standard Number:** UL 61010-1 / CSA C22.2 No. 61010-1

**Standard Name:** Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements

**Standard Edition and Issue Date:** 3<sup>rd</sup> Edition Dated May 11, 2015

**Date of Revision:** April 29, 2016

**Date of Previous Revision of Standard:** July 15, 2015

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **October 23, 2019**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

### Overview of Changes:

- Revisions to add annex DVE for permanently installed equipment
- Updated references for specialty protected equipment for protection against hazards from fluids

Specific details of new/revise requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

***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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 <del>lined out</del> below.</i>
6	Info	<b>Protection against electric shock</b>
6.10	Info	<b>Connection to the MAINS supply source and connections between parts of equipment</b>
		<b>PERMANENTLY CONNECTED EQUIPMENT</b>
6.10.4DV.2		Equipment intended for permanent connection to the MAINS shall meet the requirements of Annex <del>DVD</del> <u>DVE</u> .  <u>Open-type or enclosed-type equipment for permanent installation of the MAINS shall meet the requirements of Annex DVE.</u>  Conformity is checked as specified in Annex <del>DVD</del> <u>DVE</u> .
11	Info	<b>Protection against HAZARDS from fluids</b>
11.6	Info	<b>Specially protected equipment</b>
11.6DV		D2 Modification to 11.6 and the conformity statement by replacing with the following:  If the equipment is RATED and marked by the manufacturer as conforming to one of the stated degrees of protection of <del>IEC 60529</del> <u>UL 50E and CSA C22.2 No. 94.2</u> , it shall resist the entry of water to the extent specified.
Annex DVE		Conformity is checked by inspection and by subjecting the equipment to the appropriate treatment of <del>IEC 60529</del> <u>UL 50E and CSA C22.2 No. 94.2</u> , after which the CLEARANCES and solid insulation shall pass the voltage tests of 6.8 (without humidity preconditioning) applicable to the type of insulation (see 6.7) and ACCESSIBLE parts shall not exceed the limits of 6.3.1.  <b><i>New annex added;</i></b>  <b>Permanently installed equipment</b>  This annex contains requirements for permanently installed, open-type or closed-type equipment rated 1000 volts or less and intended for installation in accordance with the National Electric Code, ANSI/NFPA 70 and the Canadian Electric Code, C22.1 (see standard for details).
CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		