

STANDARD INFORMATION

This SUN establishes the Continuing Certification approach for laboratory equipment for mixing and stirring

Standard Number: CSA C22.2 No. 61010-2-051

Standard Name: Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring

Standard Edition and Issue Date: 2nd Edition Dated October 1, 2015

Date of Revision: October 1, 2015

Date of Previous Revision of Standard: 1st Edition Reaffirmed 2014

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **No action is required for currently certified products to maintain certification.**

This SUN is being presented to assist users of the standard to appreciate the significance of the changes made to the standard that will apply should the product described be modified after January 1, 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.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:

- Addition of requirements for Protection against mechanical HAZARDS
- New requirements for Resistance to mechanical stresses

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

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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

STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are underlined and deletions are shown lined out below.</i>
7	Info	Protection against mechanical HAZARDS Restarting after interruption Depending on the operation, a HAZARD may be caused either by re-starting or by not restarting after interruption of the mixing action. Instructions shall specify whether equipment will re-start or not re-start, both in the case of MAINS interruption and in the case of a fault or mechanical interruption. In some cases, it may be appropriate for <u>If after interruption a hazard can occur the equipment shall be equipped with</u> an audible or visible signal to warn that an interruption has occurred. Conformity is checked by inspection of documentation.
8	Info	Resistance to mechanical stresses <i>New clause added;</i> General Replacement: 8.1 Replace the text of item 3) by the following: 3) except for FIXED EQUIPMENT, for equipment with a mass over 100 kg, or for equipment whose size and weight make unintentional movement unlikely and which is not moved in NORMAL USE, the appropriate test of 8.3. The equipment is not operated during the tests.
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.		