

STN	Bezpečnostné požiadavky na elektrické zariadenia na meranie, riadenie a laboratórne použitie Časť 2-051: Osobitné požiadavky na laboratórne zariadenia určené na zmiešavanie a miešanie Zmena A11	STN EN IEC 61010-2-051/A11 36 2000
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Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-051: Particular requirements for laboratory equipment for mixing and stirring

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/21

STN EN IEC 61010-2-051 z decembra 2021 sa bez tejto zmeny A11 môže používať do 2. 8. 2024.

Obsahuje: EN IEC 61010-2-051:2021/A11:2021

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**EN IEC 61010-2-
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ICS 19.080; 71.040.20

English Version

**Safety requirements for electrical equipment for measurement,
control and laboratory use - Part 2-051: Particular requirements
for laboratory equipment for mixing and stirring**

Exigences de sécurité pour appareils électriques de
mesurage, de régulation et de laboratoire - Partie 2-051 :
Exigences particulières pour appareils de laboratoire
utilisés pour mélanger et agiter

Sicherheitsbestimmungen für elektrische Mess-, Steuer-,
Regel- und Laborgeräte - Teil 2-051: Besondere
Anforderungen an Laborgeräte zum Mischen und Rühren

This amendment A11 modifies the European Standard EN IEC 61010-2-051:2021; it was approved by CENELEC on 2021-08-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61010-2-051:2021/A11:2021 (E)**European foreword**

This document (EN IEC 61010-2-051:2021/A11:2021) has been prepared by CLC/TC 66X "Safety of measuring, control, and laboratory equipment".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-08-02
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2024-08-02

This document amends EN IEC 61010-2-051:2021.

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This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZZ, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

1 Additions to Clause 2, “Normative references”

Add the following normative references to Clause 2:

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EN IEC 60079-0:2018, *Explosive atmospheres - Part 0: Equipment - General requirements (IEC 60079-0:2017)*

EN 60079-1:2014, *Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" (IEC 60079-1:2014)*

EN 60079-2:2014, *Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p" (IEC 60079-2:2014)*

EN 60079-5:2015, *Explosive atmospheres - Part 5: Equipment protection by powder filling "q" (IEC 60079-5:2015)*

EN 60079-7:2015¹, *Explosive atmospheres - Part 7: Equipment protection by increased safety "e" (IEC 60079-7:2015)*

EN 60079-11:2012, *Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" (IEC 60079-11:2011)*

EN IEC 60079-15:2019, *Explosive atmospheres - Part 15: Equipment protection by type of protection "n" (IEC 60079-15:2017)*

EN 60079-18:2015,² *Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" (IEC 60079-18:2014)*

IEC 62061, *Safety of machinery — Functional safety of safety-related electrical, electronic and programmable electronic control systems*

ISO 13849-1, *Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design*

ISO 13849-2, *Safety of machinery — Safety-related parts of control systems — Part 2: Validation*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by EN 60079-7:2015/A1:2018.

² As impacted by EN 60079-18:2015/A1:2017.