

BRITISH STANDARD

**BS EN
61010-2-061 :
1996
IEC 1010-2-061 :
1995**

Safety requirements for electrical equipment for measurement, control, and laboratory use

Part 2-061. Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

The European Standard EN 61010-2-061 : 1996 has the status of a
British Standard

ICS 19.080 71.040.10

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee LBI/40, upon which the following body was represented:

BLWA Ltd. (The Association of the Laboratory Supply Industry)

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 July 1996

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Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:
Committee reference LBI/40
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National foreword

This British Standard has been prepared by Technical Committee LBI/40 and is the English language version of EN 61010-2-061 : 1996 *Safety requirements for electrical equipment for measurement, control, and laboratory use, Part 2-061 : Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1010-2-061 : 1995, published by the International Electrotechnical Commission (IEC).

This British Standard is to be read in conjunction with BS EN 61010-1 : 1993 *Safety requirements for electrical equipment for measurement, control, and laboratory use, Part 1 : General requirements*, which it supplements or modifies as detailed in the Foreword to EN 61010-2-061 which follows.

This British Standard deals with equipment which falls within the scope of European Directive 73/23/EEC (Low Voltage Directive).

Cross-reference

Publication referred to	Corresponding British Standard
	BS EN 61010 <i>Safety requirements for electrical equipment for measurement, control, and laboratory use</i>
EN 61010-1 : 1993 (IEC 1010-1 : 1990)	Part 1 : 1993 <i>General requirements</i>

Additional information. The following print types are used in this standard:

requirements and definitions: in roman type

test procedures: *in italic type*

explanatory text: in small roman type

terms defined in clause 3: IN SMALL CAPITALS

Subclauses or figures which are additional to those in BS EN 61010-1 : 1993 are numbered starting from 101.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

ICS 19.080

Descriptors: Electrical equipment for measurement, electrical equipment for control, electrical equipment for laboratory use, safety requirements, laboratory atomic spectrometers, thermal atomization and ionization

English version

**Safety requirements for electrical equipment for measurement,
control, and laboratory use**
**Part 2-061: Particular requirements for laboratory atomic
spectrometers with thermal atomization and ionization**

(IEC 1010-2-061 : 1995)

Règles de sécurité pour appareils électriques de
mesurage, de régulation et de laboratoire
Partie 2-061: Prescriptions particulières pour
spectromètres de laboratoire avec vaporisation et
ionisation thermique
(CEI 1010-2-061 : 1995)

Sicherheitsbestimmungen für elektrische Meß-,
Steuer-, Regel- und Laborgeräte
Teil 2-061: Besondere Anforderungen an
Labor-Atomspektrometer mit thermischer
Atomisierung und Ionisation
(IEC 1010-2-061 : 1995)

This European Standard was approved by CENELEC on 1995-11-28. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 Central Secretariat or to any CENELEC member.

This European Standard 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Document Sharing Hub

Foreword

The text of document 66/111/DIS, future edition 1 of IEC 1010-2-061, prepared by IEC TC 66, Safety of measuring, control, and laboratory equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61010-2-061 on 1995-11-28.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-09-01

For products which have complied with the relevant national standard before 1996-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-09-01.

This Part 2 is to be used in conjunction with EN 61010-1 : 1993. Consideration may be given to future editions of, or amendments to, EN 61010-1.

This Part 2 supplements or modifies the corresponding clauses of EN 61010-1. Where a particular clause or subclause of part 1 is not mentioned in this part 2, that clause or subclause applies as far as is reasonable. Where this Part 2 states 'addition', 'modification' or 'replacement', the relevant text of Part 1 is to be adapted accordingly.

Subclauses or figures which are additional to those in Part 1 are numbered starting from 101.

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