



UL 61010-2-061

STANDARD FOR

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

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UL Standard for 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, UL 61010-2-061

Fourth Edition, Dated June 27, 2019

Summary of Topics

Adoption of IEC 61010-2-061, 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 (fourth edition, issued by IEC September 2018) as a new IEC-based UL standard, UL 61010-2-061 with No US Differences.

The new requirements are substantially in accordance with Proposal(s) on this subject dated April 5, 2019.

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ANSI/UL 61010-2-061-2019

1

UL 61010-2-061

**Standard for 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**

Third Edition – July 2015

Fourth Edition

June 27, 2019

This ANSI/UL Standard for Safety consists of the Fourth Edition.

The most recent designation of ANSI/UL 61010-2-061 as an American National Standard (ANSI) occurred on June 18, 2019. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface. The IEC Foreword is also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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CONTENTS

Preface	5
FOREWORD	7
1 Scope and object	11
1.1 Scope	11
2 Normative references	11
3 Terms and definitions	11
4 Tests	12
4.4.2.101 Sampling probe tip	12
4.4.2.102 Failure, or partial failure, of the MAINS supply	12
5 Marking and documentation	12
5.1.5.101 Gas and liquid connections	13
5.2 Warning markings	13
5.4.3 Equipment installation	13
5.4.4 Equipment operation	14
5.4.5 Equipment maintenance and service	15
6 Protection against electric shock	16
6.8.3.1 The AC voltage test	16
7 Protection against mechanical HAZARDS	16
8 Resistance to mechanical stresses	16
8.1 General	16
9 Protection against the spread of fire	16
10 Equipment temperature limits and resistance to heat	16
10.1 Surface temperature limits for protection against burns	16
11 Protection against HAZARDS from fluids and solid foreign objects	17
11.1 General	17
11.101 Sampling probes	17
11.102 Gases	17
11.103 Solvents	17
11.104 Parts in contact with acetylene	17
12 Protection against radiation, including laser sources, and against sonic and ultrasonic pressure	18
12.5.1 Sound level	18
13 Protection against liberated gases and substances, explosion and implosion	18
13.1 Poisonous and injurious gases and substances	18
13.2.1 Components	19
13.101 Flame ignition system	20
13.102 Non-interchangeability of gas connectors	20
13.103 Interchangeable burners	20
14 Components and subassemblies	20
15 Protection by interlocks	20
15.1 General	21
16 HAZARDS resulting from application	21
17 RISK assessment	21

Annexes

Annex A (normative) Routine tests

F.101 Gas leakage test

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Annex L (informative) Index of defined terms

Bibliography

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Preface

This UL Standard is based on IEC Publication 61010-2-061: fourth edition 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 publication 61010-2-061 is copyrighted by the IEC.

Efforts have been made to synchronize the UL edition number with that of the corresponding IEC standard with which this standard is harmonized. As a result, one or more UL edition numbers have been skipped to match that of the IEC edition number.

This UL Standard 61010-2-061 Standard for 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, is to be used in conjunction with the third edition of UL 61010-1. The requirements for laboratory equipment for the heating of materials are contained in this Part 2 Standard and UL 61010-1.

Requirements of this Part 2 Standard, where stated, amend the requirements of UL 61010-1.

Where a particular subclause of UL 61010-1 is not mentioned in UL 61010-2-061, the UL 61010-1 subclause applies.

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Note – Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.

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