



UL 61010-2-010 (IEC
61010-2-010:2014)

STANDARD FOR SAFETY

Safety Requirements for Electrical Equipment for
Measurement, Control and Laboratory Use –
Part 2-010: Particular Requirements for Laboratory
Equipment for the Heating of Materials

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UL Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials, UL 61010-2-010 (IEC 61010-2-010:2014)

Third Edition, Dated January 15, 2015

Summary of Topics

Adoption of IEC 61010-2-010, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials (third edition issued September 2014) as a new IEC-based UL standard, UL 61010-2-010 (IEC 61010-2-010:2014), with no National Differences.

Although this is the first-time publication of this Standard by UL, it is being published as the Third edition in order to align UL's edition number with that of the IEC Standard. As a result, one or more UL edition numbers have been skipped to match that of the IEC edition number.

The new requirements are substantially in accordance with Proposal(s) on this subject dated November 7, 2014.

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ANSI/UL 61010-2-010-2015

UL 61010-2-010 (IEC 61010-2-010:2014)

**Safety Requirements for Electrical Equipment for Measurement, Control
and Laboratory Use – Part 2-010: Particular Requirements for Laboratory
Equipment for the Heating of Materials**

Third Edition

January 15, 2015

This ANSI/UL Standard for Safety consists of the Third Edition dated January 15, 2015.

The most recent designation of ANSI/UL 61010-2-010 (IEC 61010-2-010:2014) as an American National Standard (ANSI) occurred on January 15, 2015. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface, or effective date information. 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 <http://csds.ul.com>.

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Preface (UL)

This UL Standard is based on IEC Publication 61010-2-010: third edition Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials. IEC publication 61010-2-010 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 61010-2-010 Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials, 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 61010-2-010.

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 61010-2-010, 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.

UL Effective Date

The effective date for UL 61010-2-010 (IEC 61010-2-010:2014), Third edition is January 15, 2015.

A UL effective date is one established by Underwriters Laboratories Inc. and is not part of the ANSI approved standard.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY REQUIREMENTS FOR ELECTRICAL EQUIPMENT FOR MEASUREMENT, CONTROL AND LABORATORY USE – Part 2-010: Particular requirements for laboratory equipment for the heating of materials**FOREWORD**

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International Standard IEC 61010-2-010 has been prepared by IEC technical committee 66: Safety of measuring, control and laboratory equipment.

It has the status of a group safety publication in accordance with IEC Guide 104.