# CAN/ULC-S537-13-R2018
# (Reaffirmed 2018)

# STANDARD FOR VERIFICATION OF FIRE ALARM SYSTEMS

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CORPORATE HEADQUARTERS
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7 Underwriters Road
Toronto, Ontario M1R 3A9
Telephone: (416) 757-3611
Fax: (416) 757-9540

REGIONAL OFFICES

PACIFIC OFFICE
13775 Commerce Parkway, Suite 130
Richmond, British Columbia V6V 2V4
Telephone: (604) 214-9555
Fax: (604) 214-9550

EASTERN OFFICE
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Fax: (514) 363-7014

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Standard for Verification of Fire Alarm Systems, CAN/ULC-S537-13-R2018

Fifth Edition, Dated October 2013

***Summary of Topics***

***This revision of CAN/ULC-S537 is being issued to update the title page to reflect the reaffirmation of this Fifth Edition National Standard of Canada. No changes in requirements are involved.***

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated May 18, 2018.

**PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD. IN THOSE INSTANCES, THE RELEVANT VERSIONS ARE AVAILABLE FOR PURCHASE.**

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CAN/ULC-S537-13-R2018

# STANDARD FOR VERIFICATION OF FIRE ALARM SYSTEMS

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This Standard is dedicated to the memory of **G. Richard Morris** Chair, 1989–2011 and member, 1976–2012 of the ULC Standards Committee on Fire Alarm and Life Safety Equipment and Systems.

# STANDARD FOR VERIFICATION OF FIRE ALARM SYSTEMS

## PREFACE

This is the Fifth Edition of the Standard for Verification of Fire Alarm Systems, CAN/ULC-S537.

This Edition of the Standard was developed by the ULC Standards Working Group on Inspection, Testing and Verification of Fire Alarm Systems, reviewed by the ULC Standards Subcommittee on Installation, Inspection and Verification of Fire Alarm Systems, and was formally approved by the ULC Standards Committee on Fire Alarm and Life Safety Equipment and Systems.

This Standard has been developed in compliance with the requirements of Standards Council of Canada (SCC) for accreditation of a Standards Development Organization.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Appendices A to H, identified as informative, are for informational purposes only.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Fifth Edition National Standard of Canada was based on the Fourth Edition, and has now been reaffirmed.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

Requests for interpretation of this Standard should be sent to ULC Standards. The requests should be worded in such a manner as to permit a “yes” or “no” answer based on the literal text of the requirement concerned.

This CAN/ULC-S537 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

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

This Standard is intended to be used for conformity assessment.

# 1 SCOPE

1.1 This Standard prescribes *inspection* and *test* procedures for the purpose of verifying that the *fire alarm system* is installed in conformance with the *design* and CAN/ULC-S524, Standard for Installation of Fire Alarm Systems, and performs all of its intended functions as designed.

NOTE: This Standard is intended to apply to both required and voluntary fire alarm installations.

# 2 REFERENCE PUBLICATIONS

The documents shown below are referenced in the text of this Standard. Unless otherwise stated elsewhere in this Standard, such reference shall be considered to indicate the edition and/or revisions of the document available at the date on which the Committee approved this ULC Standard. All undated references shall be interpreted as referring to the latest edition of that document.

Document Published by the Acoustical Society of America
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• ANSI/ASA S1.40 – 2006 (R2011), Specifications and Verification Procedures for Sound Calibrators

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• CSA C22.1-12, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations

• CAN/CSA-Z32-09, Electrical Safety and Essential Electrical Systems in Health Care Facilities

• CAN/CSA-C282-09, Emergency Electrical Power Supply for Buildings

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• CAN/ULC-S528, Standard for Manual Stations for Fire Alarm Systems, Including Accessories