CAN/ULC-S1001-11-R2018
(Reaffirmed 2018)

STANDARD FOR INTEGRATED SYSTEMS TESTING OF FIRE PROTECTION AND LIFE SAFETY SYSTEMS

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Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems, CAN/ULC-S1001-11-R2018

First Edition, Dated September 2011

Summary of Topics

This revision of CAN/ULC-S1001 is being issued to update the title page to reflect the reaffirmation of this First Edition National Standard of Canada. No changes in requirements are involved.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated March 13, 2017.

PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD.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

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

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ICS 13.220.20; 13.320; 19.020

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STANDARD FOR INTEGRATED SYSTEMS TESTING OF FIRE PROTECTION AND LIFE SAFETY SYSTEMS

PREFACE

This is the First Edition of the Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems, CAN/ULC-S1001.

This Edition of the Standard has been 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 SCC for accreditation of a Standards Development Organization.

The requirements of this Standard contemplate that the integrated systems testing procedures described herein will be conducted by an organization other than the installing contractor.

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 and B, identified as informative, are for informational purposes only.

In Canada, there are two official languages, French and English. Attention is drawn to the fact that some Canadian authorities may require markings and/or instructions to be in either or both official languages, except as may be stated elsewhere in this Standard.

This First Edition National Standard of Canada 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-S1001 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 the methodology for verifying and documenting that all *interconnections* between systems provided for fire protection and life safety functions are installed and operating in conformance with their *design criteria*. Refer to Appendix A1.1.

1.2 This Standard is intended to satisfy the requirement for integrated systems testing in the National Building Code of Canada and the National Fire Code of Canada.

1.3 It is not the intent of this Standard that integrated systems testing ensure individual *fire protection and life safety systems* are functioning and installed in accordance with their *design criteria* or referenced Standards.

1.4 This Standard prescribes the following:

A Integrated Systems Testing Qualifications;

B Integrated Systems Testing Process;

C Integrated Systems Testing Requirements;

D Integrated Systems Testing Documentation;

E Periodic Integrated Systems Testing;

F Retro-Integrated Systems Testing; and

G Integrated Systems Testing for Modifications.

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.

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5060 Spectrum Way, Mississauga, ON L4W 5N6 Canada
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www.csa.ca

- CSA C22.1-09, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations
- ASME A17.1-2010/CSA B44-10, Safety Code for Elevators and Escalators
- CSA C282-09, Emergency Electrical Power Supply for Buildings

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Documents Published by the National Fire Protection Association (NFPA)
1 Batterymarch Park, Quincy, MA 02169-7471 U.S.A.
Telephone: (617) 770-3000
www.nfpa.org

- NFPA 20-2010, Standard for the Installation of Stationary Pumps for Fire Protection

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