CAN/ULC 1001:2026A

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 1001

Second Edition, Dated March 23, 2026

Summary of Topics

This revision to CAN/ULC 1001 dated June 4, 2026 is to add the SI unit of measurement to the requirements in C3.3.3. This will correct an error that was made in the 2019 revision of the standard.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

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Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems

ICS 13.200; 13.220.20; 13.320; 19.020

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MASTER INTEGRATED TESTING CHECKLIST

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PREFACE

This is the Second Edition of the Standard for Integrated Systems Testing of Fire Protection and Life Safety Systems, CAN/ULC 1001.

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.

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.

Annexes A – C, 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 Second Edition National Standard of Canada is based on, and now supersedes, the First Edition.

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.

This CAN/ULC 1001 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 Collaborative Standards Development System (CSDS) at https://csds.ul.com.

This Standard is intended to be used for conformity assessment.

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INTRODUCTION

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 A1.1.

1.2 This Standard is intended to satisfy the requirement for integrated systems testing in the 2020 National Building Code of Canada and the 2020 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 Referenced Publications

2.1 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 title of the referenced standard only. The specific editions of the referenced standards to be used shall be in accordance with the editions referenced within the current versions of the National Building Code and National Fire Code of Canada.

ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*

CSA C22.1-18, Canadian Electrical Code, Part I, (24th edition), *Safety Standard for Electrical Installations*

CSA C282-15, *Emergency Electrical Power Supply for Buildings*

NFPA 20-2016, *Standard for the Installation of Stationary Pumps for Fire Protection*

2020 National Building Code of Canada

2020 National Fire Code of Canada

ULC 524, *Installation of Fire Alarm Systems*

ULC-S537:2019, *Verification of Fire Alarm Systems*

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