CAN/ULC 573:2026

Standard for Installation of Ancillary Devices Connected to Fire Alarm Systems

ULC Standards
Normes ULC

scc ccn

Underwriters Laboratories of Canada (ULC) was established in 1920 by letters patent issued by the Canadian Government. It maintains and operates laboratories and certification services for the examination, testing and certification of appliances, equipment, materials, constructions and systems to determine their relation to life, fire and property hazards as well as providing inspection services.

ULC Standards develops and publishes standards and other related publications for building construction, security and burglar protection, environmental safety, electrical equipment, fire protection equipment, gas and oil equipment, thermal insulation products, materials and systems, energy use in the built environment and electrical utility safety.

ULC Standards is a not-for-profit organization and is accredited by the Standards Council of Canada as a Standards Development Organization.

National Standards of Canada developed by ULC Standards conform to the criteria and procedures established by the Standards Council of Canada. Such standards are prepared using the consensus principle by individuals who provide a balanced representation of interests relevant to the subject area on a national basis.

National Standard of Canada

A National Standard of Canada is a standard developed by a Standards Council of Canada (SCC) accredited Standards Development Organization, in compliance with requirements and guidance set out by SCC. More information on National Standards of Canada can be found at www.scc.ca.

SCC is a Crown corporation within the portfolio of Innovation, Science and Economic Development (ISED) Canada. With the goal of enhancing Canada's economic competitiveness and social well-being, SCC leads and facilitates the development and use of national and international standards. SCC also coordinates Canadian participation in standards development, and identifies strategies to advance Canadian standardization efforts.

Accreditation services are provided by SCC to various customers, including product certifiers, testing laboratories, and standards development organizations. A list of SCC programs and accredited bodies is publicly available at www.scc.ca.

For further information on ULC standards, please contact:

ULC STANDARDS
Telephone: 1-888-853-3503
E-mail: ClientService@shopULStandards.com

To purchase ULC Standards, visit: https://www.shopulstandards.com

The intended primary application of this standard is stated in its scope. It is important to note that it remains the responsibility of the user of the standard to judge its suitability for the particular application.

Copies of this National Standard of Canada may be ordered from ULC Standards.

CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE

Standard For Installation Of Ancillary Devices Connected To Fire Alarm Systems, CAN/ULC 573

First Edition, Dated December 28, 2018

Summary of Topics

The revision of CAN/ULC 573 dated July 10, 2026 includes revised Generator Monitoring Instructions; 9.2.1.

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.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated December 1, 2025 and April 3, 2026.

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

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

No Text on This Page

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

CAN/ULC 573:2026

Standard for Installation of Ancillary Devices Connected to Fire Alarm Systems

ICS 13.220.20;13.320

FIRST EDITION . . . . . **DECEMBER 2018**
Reaffirmation . . . . . May 3, 2023
Revision . . . . . August 16, 2024
REVISION . . . . . JULY 10, 2026

© 2026

ULC Standards

All rights reserved. No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior permission.

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

No Text on This Page

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

CONTENTS

TECHNICAL COMMITTEE ON FIRE ALARM AND LIFE SAFETY EQUIPMENT AND SYSTEMS.....7

PREFACE 9

1 SCOPE 11
2 REFERENCE PUBLICATIONS 11
3 GLOSSARY.....12
4 PLANS AND SPECIFICATIONS.....16
5 REQUIREMENTS OF ANCILLARY DEVICES 17
5.1 GENERAL 17
5.2 POWER SUPPLY 19
5.3 ELECTRICAL SUPERVISION 20
5.4 WIRING.....22
6 INSTALLATION OF ANCILLARY DEVICES.....23
7 MASS NOTIFICATION SYSTEMS.....24
8 ELEVATOR CONTROL.....24
8.1 ELEVATOR RECALL 24
8.2 ELEVATOR RECALL DEDICATED FUNCTION CONTROL UNIT.....25
9 EMERGENCY POWER GENERATORS 26
9.1 GENERAL 26
9.2 SUPERVISION.....26
9.3 INSTALLATION 26
10 AUDIO / VISUAL CONTROL SYSTEMS 27
10.1 GENERAL 27
10.2 INSTALLATION 27
11 LIGHTING CONTROL SYSTEMS.....27
11.1 GENERAL.....27
11.2 INSTALLATION 27
12 SUPPLEMENTARY AUDIO SYSTEMS 28
12.1 GENERAL 28
12.2 INSTALLATION 28
13 SUPPLEMENTARY INPUTS TO THE FIRE ALARM VOICE COMMUNICATION SYSTEM 29
13.1 GENERAL 29
13.2 INSTALLATION 29
14 PERSONAL COMMUNICATIONS SERVICE (PCS) SYSTEMS 29
14.1 GENERAL 29
15 VISUAL MESSAGING SYSTEMS 30
15.1 GENERAL 30
15.2 INSTALLATION 30
16 FIRE PUMPS.....31
16.1 SUPERVISION.....31
16.2 INSTALLATION 32
17 ON-SITE WATER SUPPLIES.....32
17.1 SUPERVISION.....32
17.2 INSTALLATION 33
18 HEATING, VENTILATING AND AIR-CONDITIONING SYSTEMS 33
18.1 GENERAL 33
18.2 AIR HANDLING UNITS 34
18.3 DAMPER STATUS MONITORING 36
18.4 DAMPER CONTROL 36
18.5 SMOKE HATCH MONITORING.....37
18.6 SMOKE HATCH CONTROL 37
18.7 DOOR STATUS MONITORING 38

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

18.8 DOOR CONTROL 38
19 CLOSURES....39
19.1 HOLD-OPEN DEVICES 39
19.2 POWER DOOR OPERATORS....40
19.3 FIRE SHUTTERS 40
20 SECURITY 40
20.1 ELECTROMAGNETIC LOCKS (MAGLOCKS) 40
20.2 SECURITY INTERFACES....41
20A EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEM (ERCES) 42
20A.1 GENERAL 42
20A.2 SUPERVISION 42
21 OTHER ANCILLARY DEVICES....42
21.1 INSTALLATION 42
TABLES 43
FIGURES 44

APPENDIX A (INFORMATIVE) – EXPLANATORY MATERIALS

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

TECHNICAL COMMITTEE ON FIRE ALARM AND LIFE SAFETY EQUIPMENT AND SYSTEMS

NAME	AFFILIATION	CATEGORY	REGION
C. Aastrom	Fire-Tech Systems Inc	Producer	Canada
M. Alaabar	General Directorate of Civil Defence, Bahrain	Authorities Having Jurisdiction	Bahrain
S. Alfano	CFAA	Producer	Canada
K. Allison	Fire Monitoring Of Canada Inc.	Producer	Canada
S. Ames	Standards Individuals	General Interest	Canada
M. Arruda	Electrical Contractors Association of Ontario	Commercial / Industrial User	Canada
A. Asraei	DenRod Engineering Inc.	General Interest	Canada
S. Bartlett	RJ Bartlett Engineering Ltd.	General Interest	Canada
D. Blais	Mircom Technologies LTD	Producer	Canada
G. Campagna	Les Gicleurs Québecois Inc.	General Interest	Canada
D. Casey	Mississauga Fire & Emergency Services	Authorities Having Jurisdiction / Regulator	Ontario
P. Clarke	Department Of National Defence	Government	Canada
R. Collins	Toronto Community Housing	Government	Canada
D. Currie	Damar Security Systems	Producer	Canada
L. Doucette	CodeNext Inc.	General Interest	Canada
B. Early	Province of Manitoba	Government	Manitoba
T. Espejo	UL Solutions	Testing & Standards Org.	Canada
C. Estereicher	Photon Electric	Commercial / Industrial User	Canada
J. D. Fata	Ottawa Fire Services	Authorities Having Jurisdiction	Ontario
H. Gao	City Of Markham	Authorities Having Jurisdiction	Ontario
R. Ghandour	UL Standards & Engagement	TC Project Manager – Non-voting	Canada
D. Goodyear	D Goodyear Fire Consulting	General Interest	Canada
J. Gutknecht	UL Standards & Engagement	TC Chair – Non-voting	Canada
C. Hale	Oshawa Fire Service	Authorities Having Jurisdiction	Ontario
M. Hugh	Standards Individuals	Consumer	Canada
R. Jagmohan	Ajax Systems Canada Corp	Producer	Canada
K. Jess	Self Employed	General Interest	Canada
J. Kewell	City of Burlington	Authorities Having Jurisdiction	Ontario
F. Kurz	Fire Technicians Network	Commercial / Industrial User	Canada
G. Landmesser	Standards Individuals	General Interest	Canada
C. Leber	Building Reports Canada	Supply Chain	Canada
F. Leber	AML Encore Corp	General Interest	Canada
A. Lee	AtkinsRéalis	General Interest	Canada
S. Lott	EPI Fire Protection	Commercial / Industrial Users	Canada
B. McBain	Russell Township Fire Services	Authorities Having Jurisdiction	Ontario

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

NAME	AFFILIATION	CATEGORY	REGION
F. Mohammed	Emirates Safety Laboratory	Testing & Standards Org.	United Arab Emirates
A. Murray	Troy Life And Fire Safety Ltd.	Producer	Canada
R. Murray	Dialog	General Interest	Canada
B. Neufeld	TELUS Communications Inc.	Supply Chain	Canada
T. Parker	Government Of Alberta	Government	Alberta
C. Ramenda	ONYX-ELECTRICAL SERVICES	General Interest	Canada
J. Rebstock	Umbra Engineering Ltd.	Commercial / Industrial User	Canada
D. Rosales	Telular, a business unit of AMETEK, Inc.	Producer	USA
M. Salaheldin	Litchfield Fire & Safety Equipment FZE	Producer	United Arab Emirates
L. Solonovich	New Westminster Fire Service	Authorities Having Jurisdiction	British Columbia
J. Tondang	Siemens Canada Limited	Producer	Canada
C. Vaida	Plan Group	Commercial / Industrial User	Canada
J. VanKeuren	Edwards	Producer	USA
M. Yanofsky	Honeywell International Inc	Producer	USA
P. Zerbinos	Chubb Fire and Security	Producer	Canada
M. Zukov	ARENCON Inc.	General Interest	Canada

This list represents the membership at the time the Committee balloted on the final text of this edition. Since that time, changes in the membership may have occurred.

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

PREFACE

This is the First Edition of CAN/ULC 573, Standard for Installation of Ancillary Devices Connected to Fire Alarm Systems.

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.

Appendix A, identified as informative, is 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.

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 573 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.

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

No Text on This Page

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

1 SCOPE

1.1 This Standard describes the requirements for the application and installation of ancillary devices which interact with a fire alarm system. This Standard shall be applied in conjunction with ULC 524, Standard for Installation of Fire Alarms Systems.

NOTE: This Standard is intended to apply to ancillary device installations for both required and voluntary fire alarm system installations. See Appendix A (Informative) Explanatory Materials, Clause A1.1.

1.2 The installation of ancillary devices not covered by these requirements shall be in accordance with good engineering practice and manufacturer's installation guidelines.

2 REFERENCE 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 edition and/or revisions of the document available at the date on which the Committee approved this ULC Standard.

Documents Published by CSA Group
178 Rexdale Boulevard, Toronto, Ontario M9W 1R3 Canada
Telephone: (416) 747-4000 or 1-800-463-6727
www.csagroup.org

• CSA B44-13, Safety Code for Elevators and Escalators Includes Requirements for Elevators, Escalators, Dumbwaiters, Moving Walks, Material Lifts and Dumbwaiters with Automatic Transfer Devices
• CSA C22.1-15, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations
• CSA C282-15, Emergency Electrical Power Supply for Buildings

---

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 13-2016, Standard for Installation of Sprinkler Systems
• NFPA 72-2017, National Fire Alarm and Signaling Code

Documents Published by the National Research Council
1200 Montreal Road, Bldg M-58, Ottawa, ON K1A 0R6 Canada
Telephone: (613) 993-9101 or 1(877) 672-2672
www.nrc-cnrc.gc.ca

• National Building Code of Canada 2015

Documents Published by ULC Standards
7 Underwriters Road, Toronto, ON M1R 3B4 Canada
Telephone: (416) 757-3611 or 1(866)-9373-ULC
www.canada.ul.com

• UL 2524, In-building 2-way Emergency Radio Communication Enhancement System

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.