CAN/ULC 593:2021 (R2026)

Standard for the Servicing of Halon and Clean Agent Extinguishing Systems

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

Standard for the Servicing of Halon and Clean Agent Extinguishing Systems, CAN/ULC 593

First Edition, Dated December 1, 2021

Summary of Topics

This reaffirmation of CAN/ULC 593 dated August 13, 2026 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.

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 requirements are substantially in accordance with Proposal(s) on this subject dated May 29, 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PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD.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.

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ICS 03.080.10; 13.220.10; 13.220.20

FIRST EDITION . . . . . **DECEMBER 1, 2021**
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ULC STANDARDS COMMITTEE ON THE SERVICING OF EXTINGUISHING SYSTEMS

NAME	AFFILIATION	CATEGORY	REGION
J. Di Filippo	Kidde Canada INC	Producer	Canada
R. Foxcroft	Fire Safety Services (Calgary) Ltd.	Producer	Canada
F. Galand	Department Of National Defence	Authorities Having Jurisdiction	Canada
J. Gutknecht	UL Standards & Engagement	TC Chair – Non-Voting	Canada
K. Jess	Self Employed	General Interest	Canada
H. Langley	Environment And Climate Change Canada	Government	Canada
B. Levitt	Levitt-Safety Ltd	Supply Chain	Canada
C. Mclean	Midland Fire Department	Authorities Having Jurisdiction	Canada
B. Shugarman	UL Solutions	Testing & Stds Org	USA
N. Weeks	UL Standards & Engagement	TC Project Manager – Non-Voting	USA

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.

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PREFACE

This is the First Edition of the Standard for the Servicing of Halon and Clean Agent Extinguishing Systems, CAN/ULC 593.

This Edition of the Standard has been formally approved by the ULC Standards Committee on the Servicing of Extinguishing 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.

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 593 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 These requirements apply to companies involved in the servicing of halon 1301 extinguishing systems in accordance with the National Fire Code of Canada (NFCC), NFPA 12A, and the manufacturer's installation, operation, and maintenance manual; and/or companies involved in the servicing of halocarbon and/or inert gas extinguishing systems in accordance with NFCC, NFPA 2001, and the manufacturer's installation, operation, and maintenance manual. These companies might perform duties including the recovering and reconditioning of the halon 1301 and halocarbon clean agent.

Note: NFCC includes any Federal, Provincial, Territorial, or local legislation or regulations as may exist.

1.2 These requirements apply to the servicing, which includes recharging, maintenance, repair, inspection, testing and decommissioning, of halon 1301 and/or halocarbon clean agent systems and/or inert gas clean agent systems.

1.3 These requirements do not apply to the servicing of carbon dioxide systems or portable fire extinguishers. The servicing of Portable Fire Extinguishers is covered in the Standard for the Regulation of the Servicing of Portable Fire Extinguishers, CAN/ULC-S532.

2 Units of Measurement

2.1 Values stated without parenthesis are the requirement. Values in parentheses are explanatory or approximate information.

3 Reference Publications

3.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

3.2 The following publications are referenced in this Standard:

CAN/ULC-S532, *Standard for the Regulation of the Servicing of Portable Fire Extinguishers*

NFPA 12A, *Standard on Halon 1301 Fire Extinguishing Systems*

NFPA 2001, *Standard on Clean Agent Fire Extinguishing Systems*

SOR/2016-137, *Ozone Depleting Substances and Halocarbon Alternatives Regulations, Canadian Environmental Protection Act, 1999*

SOR/2001-286, *Transportation of Dangerous Goods Regulations, Transportation of Dangerous Goods Act, 1992*

SOR/2003-289, *Federal Halocarbons Regulations, Canadian Environmental Protection Act, 2003*

UL 2006, *Standard for Safety for Halon Recovery/Recharge Equipment*

4 Glossary

4.1 CLEAN AGENT – Electrically non-conducting, volatile, or gaseous fire extinguishant that does not leave a residue upon evaporation.

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