



ULC Standards
Normes ULC



ANSI/CAN/UL/ULC 2166:2021

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Halocarbon Clean Agent Extinguishing System Units

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ANSI/UL 2166-2021



SCC FOREWORD

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UL Standard for Safety for Halocarbon Clean Agent Extinguishing System Units, ANSI/CAN/UL/ULC 2166
Third Edition, Dated May 10, 2017

Summary of Topics

This revision of ANSI/CAN/UL/ULC 2166 dated December 8, 2021 includes a change in requirements to:

- Electronic Documentation for Fire Suppression Standards; [5.1](#), [58.5A](#), [59.2](#), [59.3](#) and [61.2](#)***
- Elastomeric Part Test; [11.1](#) and Section [53A](#)***
- Flammability of Externally Exposed Parts; [20.2](#)***
- Salt Spray Applicability; [29.1](#) and [29.2](#)***

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

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated June 18, 2021 and September 10, 2021.

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MAY 10, 2017

(Title Page Reprinted: December 8, 2021)



1

ANSI/CAN/UL/ULC 2166:2021

Standard for Halocarbon Clean Agent Extinguishing System Units

First Edition – March, 1999
Second Edition – August, 2012

Third Edition

May 10, 2017

This ANSI/CAN/UL/ULC Safety Standard consists of the Third Edition including revisions through December 8, 2021.

The most recent designation of ANSI/UL 2166 as an American National Standard (ANSI) occurred on December 8, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages and Title Page. Any other portions of this ANSI/UL standard that were not processed in accordance with ANSI/UL requirements are noted at the beginning of the impacted sections.

This standard has been designated as a National Standard of Canada (NSC) on December 8, 2021.

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CONTENTS

Preface7

INTRODUCTION

1 Scope 11
 2 General 11
 3 Glossary 11
 4 Components 13
 5 Design Manual 13
 6 Owner's Manual 14

CONSTRUCTION

7 General 15
 8 Electrically Operated Alarms 16
 9 Controls and Indicators 16
 10 Pressure Vessels 16
 11 Gaskets and "O" Rings 20
 12 Filling Densities 21
 13 Pressure Gauges and Indicators – Extinguishing System Units 21
 13A Pressure Gauges and Indicators – Agent Storage Containers 21
 14 Pressure Gauges – Pneumatic Control Assemblies 24
 14A Pressure Gauges – Pneumatic Control Assemblies 24
 15 Puncturing Mechanisms 27
 16 Electrically Operated Valves and Pressure Switches 27
 17 Siphon Tubes 27
 18 Clean Agents 27
 19 Expellant Gases 27
 20 Polymeric Materials and Nonmetallic Parts 27
 21 Anti-Recoil Devices 28
 22 Pressure Switches 28

PERFORMANCE

23 General 28
 24 Discharge Test 28
 25 Valve Leakage Test 29
 26 Hydrostatic Pressure Test 29
 27 30-Day Elevated Temperature Test 31
 28 Temperature Cycling Test 31
 29 Salt Spray Corrosion Test 31
 30 500 Cycle Operation Test 32
 31 Time Delay Verification Test 33
 32 Pressure-Operated Alarm Test 33
 33 One-Year Time Leakage Test 34
 34 Mounting Device Test 34
 35 Class A and B Fire Clean Agent Extinguishment Tests 34
 35.1 General test parameters 34
 35.2 Class A fire extinguishment tests 35
 35.3 Class B fire extinguishment tests 41
 36 Nozzle Distribution Verification Tests 41
 36.1 General 41
 36.2 Test enclosure 42

36.3	System arrangement.....	43
36.4	Minimum room height/nozzle area coverage test arrangement.....	43
36.5	Maximum room height test arrangement.....	43
37	Automatic Extinguisher Unit Fire Tests.....	44
37.1	General.....	44
37.2	Test enclosures.....	44
37.3	Nozzle distribution extinguishment test.....	45
37.4	Automatic operation extinguishment tests.....	45
38	Verification of Flow Calculation Method Test.....	45
39	Equivalent Length Determination.....	47
40	High Pressure Discharge Test.....	47
41	Flexible Hose Low Temperature Test.....	47
42	Operation Test of Manual Actuators and Manual Pull Stations.....	48
43	Pneumatic Operation Test.....	48
44	Pressure Relief Tests.....	48
45	Calibration Test – Gauges and Indicators.....	49
46	Burst Strength Test – Gauges and Indicators.....	49
47	Overpressure Test – Gauges.....	49
48	Impulse Test– Gauges.....	49
49	Pressure Gauge Relief Test.....	50
50	Water Resistance Test – Gauges and Indicators.....	50
50A	Primary Battery Tests – Electronic Gauges.....	50
50B	Electronic Hardware Tests – Electronic Gauges.....	50
51	Liquid Level Indicators.....	51
52	Aging Tests– Plastic Materials.....	51
52.1	Air-oven aging test.....	51
52.2	Exposure to extinguishing agent test.....	52
52.3	Light and water test.....	52
53	10-Day Moist Ammonia Air Stress Cracking Test.....	53
53A	Elastomeric Parts Test.....	54
54	Nameplate Exposure Tests.....	54
55	Nameplate Adhesion Test.....	54
56	Nameplate Abrasion Test.....	55

MANUFACTURING AND PRODUCTION TESTS

57	General.....	55
57.1	General.....	55
57.2	Hydrostatic pressure test – shells.....	55
57.3	Gauge calibration test.....	56
57.4	Leakage test.....	56
57.5	Clean agent.....	56

MARKING

58	General.....	56
59	Manuals.....	58
60	Placards.....	59

INSTALLATION INSTRUCTIONS

61	Installation, Operation, and Maintenance Instruction Manual.....	59
----	--	----

SUPPLEMENT SA – MARINE-TYPE HALOCARBON CLEAN AGENT EXTINGUISHING SYSTEM UNITS

SA1 Scope 63
SA2 Installation, Operation, and Maintenance Instruction Manual 63
SA3 Wiring 63
SA4 Controls and Indicators 63
SA5 Pressure Vessels 63
SA6 Salt Spray Corrosion Test 63
SA7 Vibration and Shock Resistance Test 64
SA7.1 General 64
SA7.2 Vibration test 64
SA7.3 Shock resistance test 65
SA8 Area Coverage Test 65
SA9 Aging Tests – Polymeric Materials 65
SA10 Marking 65

ANNEX A (CAN) (normative) Markings – French Translation

ANNEX B NORMATIVE REFERENCES

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No Text on This Page

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Preface

This is the Third Edition of the ANSI/CAN/UL/ULC 2166, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units.

UL is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO). ULC Standards is accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization.

Annexes [A](#) and [B](#), identified as normative, form a mandatory part of this Standard.

This ANSI/CAN/UL/ULC 2166 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.

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.

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

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This Edition of the Standard has been formally approved by the UL Standards Technical Panel (STP) on Extinguishing Systems, STP 300.

This list represents the STP 300 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

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International Classification for Standards (ICS): 13.220.20

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This Standard is intended to be used for conformity assessment.

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 this particular application.

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