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NATIONAL STANDARD

ANSI/CAN/UL/ULC 2775:2022A

Standard for Fixed Condensed Aerosol Extinguishing System Units

Approved American National Standard
ANSI

ANSI/UL 2775-2022

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SCC FOREWORD

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Standard for Fixed Condensed Aerosol Extinguishing System Units, ANSI/CAN/UL/ULC 2775

Second Edition, Dated July 31, 2019

Summary of Topics

This revision of ANSI/CAN/UL/ULC 2775 dated June 30, 2022 includes a manual method of actuation for automatic extinguisher units; 1.2, 5.6.

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 revised requirements are substantially in accordance with Proposals on this subject dated March 25, 2022.

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ANSI/CAN/UL/ULC 2775:2022A

Standard for Fixed Condensed Aerosol Extinguishing System Units

First Edition – April, 2014

Second Edition

July 31, 2019

This ANSI/CAN/UL/ULC Safety Standard consists of the Second Edition including revisions through June 30, 2022.

The most recent designation of ANSI/UL 2775 as an American National Standard (ANSI) occurred on June 30, 2022. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This standard has been designated as a National Standard of Canada (NSC) on June 30, 2022.

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Preface

This is the Second Edition of the ANSI/CAN/UL/ULC 2775, Standard for Fixed Condensed Aerosol 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 2775 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and 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.

This Second Edition Joint American National Standard and National Standard of Canada is based on, and now supersedes, the First Edition of UL 2775 and the First Edition of ULC/ORD-C2775-12.

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.

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.

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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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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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INTRODUCTION

1 Scope

1.1 These requirements cover the construction and operation of fixed condensed aerosol extinguishing system units inclusive of aerosol generating extinguishing system units and aerosol generating automatic extinguisher units intended for total flooding applications when installed, inspected, tested, and maintained in accordance with the Standard for Fixed Aerosol Fire Extinguishing Systems, NFPA 2010 and the National Fire Code of Canada.

1.2 Aerosol generating automatic extinguisher units may have a manual means of actuation, and are not intended:

a) For use as a general substitute for aerosol generating extinguishing system units; or

b) For protection of fire risks larger than those specified in the installation instructions for a single unit by using multiple units.

2 Compontents

2.1 Except as indicated in 2.2, a component of a product covered by this standard shall comply with the requirements for that component.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard; or

b) Is superseded by a requirement in this standard.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

3 Units of Measurement

3.1 The metric unit shall be designated as the official unit for purposes of this standard. Where values of measurement are specified in both SI and English units, either unit is used. In cases of dispute, the metric unit shall be used.

4 Undated References

4.1 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.

5 Glossary

5.1 For the purpose of this standard, the following definitions apply.

5.2 ACTUATING MECHANISM – A device whose automatic or manual operation results in the physical discharge of extinguishing agent.

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