



JOINT CANADA-UNITED STATES
NATIONAL STANDARD

ANSI/CAN/UL 5800:2025

STANDARD FOR SAFETY

Battery Fire Containment Products

SCC FOREWORD

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UL Standard for Safety for Battery Fire Containment Products, ANSI/CAN/UL 5800

First Edition, Dated December 8, 2020

Summary of Topics

This revision of ANSI/CAN/UL 5800 dated May 6, 2025 includes the following changes:

- Revisions to the Thermal Runaway Test, When Suppression Agent is Water: [8.2.9](#);***
- Addition of Exception to Maximum Surface Temperature Requirement When Glove Cautionary Marking is Applied: [Table 8.2](#); including the Addition of Supplemental Cautionary Markings: [10.3](#), [10.3.1](#), [10.3.2](#), and [10.3.3](#)***

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 new and revised requirements are substantially in accordance with Proposal(s) on this subject dated March 22, 2024 and March 14, 2025.

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ANSI/UL 5800-2025

DECEMBER 8, 2020

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ANSI/CAN/UL 5800:2025

Standard for Battery Fire Containment Products

First Edition

December 8, 2020

This ANSI/CAN/UL Safety Standard consists of the First Edition including revisions through May 6, 2025.

The most recent designation of ANSI/UL 5800 as an American National Standard (ANSI) occurred on May 6, 2025. 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 May 6, 2025.

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Preface

This is the First Edition of ANSI/CAN/UL 5800, Standard for Battery Fire Containment Products.

ULSE is accredited by the American National Standards Institute (ANSI) and 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.

This ANSI/CAN/UL 5800 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.

Annex [A](#) and [B](#), identified as Informative, is for information 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.

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>.

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This Edition of the Standard has been formally approved by the Technical Committee (TC) on Battery Fire Containment Products, TC 5800.

This list represents the TC 5800 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

TC 5800 Membership

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