



ANSI/CAN/UL 583:2025

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Electric-Battery-Powered Industrial Trucks

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ANSI/UL 583-2025



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UL Standard for Safety for Electric-Battery-Powered Industrial Trucks, ANSI/CAN/UL 583

Eleventh Edition, Dated December 15, 2022

Summary of Topics

This revision of ANSI/CAN/UL 583 dated May 1, 2025 includes the following changes in requirements:

– Revision to Update Paragraph Reference in [19.1\(c\)](#);

– Addition of Requirements for Safety Markings; Markings and Advisory Notes for Sections [28](#), [38](#), [50](#), [56](#), [60](#), [62](#), [67](#), Annex [A5](#), and Annex [B](#)

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 July 26, 2024 and February 7, 2025.

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DECEMBER 15, 2022
(Title Page Reprinted: May 1, 2025)



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ANSI/CAN/UL 583:2025

Standard for Electric-Battery-Powered Industrial Trucks

The first edition was titled Industrial Gasoline-Tractors. The second and third editions were titled Power-Operated Industrial Trucks (Electric Battery-Powered & Gasoline-Powered). The fourth edition was titled Power-Operated Industrial Trucks.

First Edition – January, 1950
Second Edition – March, 1951
Third Edition – May, 1954
Fourth Edition – November, 1956
Fifth Edition – January, 1971
Sixth Edition – May, 1972
Seventh Edition – December, 1977
Eighth Edition – September, 1991
Ninth Edition – June, 1996
Tenth Edition – August, 2012

Eleventh Edition

December 15, 2022

This ANSI/CAN/UL Safety Standard consists of the Eleventh Edition including revisions through May 1, 2025.

The most recent designation of ANSI/UL 583 as an American National Standard (ANSI) occurred on May 1, 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 1, 2025.

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Preface

This is the Eleventh Edition of ANSI/CAN/UL 583, Standard for Electric-Battery-Powered Industrial Trucks.

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.

Annex [A](#) is identified as Normative, as such, form mandatory parts of this Standard.

Annex [B](#), identified as Informative, is for information purposes only.

This ANSI/CAN/UL 583 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. For this reason, where this Standard requires safety markings, it must provide a French translation of such markings. Annex [B](#) provides translations in French of the English safety markings specified in this Standard, for use wherever required in Canada.

This Eleventh Edition joint American National Standard and National Standard of Canada is based on, and now supersedes, the Tenth Edition of UL 583.

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 Industrial Trucks, TC 583.

This list represents the TC 583 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

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