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NATIONAL STANDARD

STANDARD FOR SAFETY

ANSI/CAN/UL/ULC 2271, Batteries for Use In Light Electric Vehicle (LEV) Applications



ANSI/UL 2271-2018



Standards Council of Canada
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UL Standard for Safety for Batteries for Use In Light Electric Vehicle (LEV) Applications, UL/ULC 2271

Second Edition, Dated September 7, 2018

Summary of Topics

The Second Edition of UL/ULC 2271 has been issued to reflect the latest ANSI and SCC approval dates, and to incorporate the the following changes in requirements:

Correction of Cell Criteria and Tolerance Information.

Vibration Endurance Test Revisions.

Revision of marking and instruction requirements for EESAs that are not removed when charging.

Addition of Production Quality Control Criteria in 17.4.

Clarifications to the functional safety criteria.

Clarification of connections to battery cells.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated December 22, 2017 and May 25, 2018.

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SEPTEMBER 7, 2018

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UL/ULC 2271

Standard for Batteries for Use In Light Electric Vehicle (LEV) Applications

First Edition – May, 2018

Second Edition

September 7, 2018

This ANSI/CAN/UL/ULC Safety Standard consists of the Second Edition.

The most recent designation of ANSI/UL 2271 as an American National Standard (ANSI) occurred on September 7, 2018. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This standard has been approved as a National Standard of Canada (NSC) by the Standards Council of Canada (SCC).

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ANNEX B (NORMATIVE) Corrosion Chart