ULC Standards
Normes ULC

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

ANSI/CAN/UL/ULC 180:2021

STANDARD FOR SAFETY

Combustible Liquid Tank Accessories

Approved American National Standard
ANSI

ANSI/UL 180-2021

scc ccn

SCC FOREWORD

National Standard of Canada

A National Standard of Canada is a standard developed by a Standards Council of Canada (SCC) accredited Standards Development Organization, in compliance with requirements and guidance set out by SCC. More information on National Standards of Canada can be found at www.scc.ca.

SCC is a Crown corporation within the portfolio of Innovation, Science and Economic Development (ISED) Canada. With the goal of enhancing Canada's economic competitiveness and social well-being, SCC leads and facilitates the development and use of national and international standards. SCC also coordinates Canadian participation in standards development, and identifies strategies to advance Canadian standardization efforts.

Accreditation services are provided by SCC to various customers, including product certifiers, testing laboratories, and standards development organizations. A list of SCC programs and accredited bodies is publicly available at www.scc.ca.

UL Standard for Safety for Combustible Liquid Tank Accessories, ANSI/CAN/UL/ULC 180

Ninth Edition, Dated March 15, 2019

Summary of Topics

This revision of UL/ULC 180 dated August 25, 2021 includes the following changes in requirements:

– Revision to the Manufacturing and Production Leakage Test; 20.1

– Clarification of B100 Rating Option; 16.5.2 and 21.1

– Clarification of Sample Exposures to Applicable Test Liquids & Fuels; 16.5.3

– Addition of UL 62368-1 as an Alternative to UL 60950-1; 9.2

– Editorial correction; 22.1

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 January 8, 2021 and March 26, 2021.

No Text on This Page

ANSI/UL 180-2021

MARCH 15, 2019
(Title Page Reprinted: August 25, 2021)

ANSI/CAN/UL/ULC 180:2021

Standard for Combustible Liquid Tank Accessories

First Edition – November, 1958
Second Edition – September, 1972
Third Edition – January, 1975
Fourth Edition – July, 1980
Fifth Edition – August, 1991
Sixth Edition – May, 1996
Seventh Edition – April, 2003
Eighth Edition – October, 2012

Ninth Edition

March 15, 2019

This ANSI/CAN/UL/ULC Safety Standard consists of the Ninth Edition including revisions through August 25, 2021.

The most recent designation of ANSI/UL 180 as an American National Standard (ANSI) occurred on August 25, 2021. 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 August 25, 2021.

No Text on This Page

CONTENTS

Preface

This is the Ninth Edition of the ANSI/CAN/UL/ULC 180, Standard for Combustible Liquid Tank Accessories.

UL 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. ULC Standards is accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Appendix A, identified as normative, forms a mandatory part of this Standard.

Appendices B and C, identified as informative, are for information purposes only.

This ANSI/CAN/UL/ULC 180 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 Joint American National Standard and National Standard of Canada is based on, and now supersedes, the Eighth Edition UL 180, Standard for Liquid-Level Gauges for Oil Burner Fuels and Other Combustible Liquids, and the First Edition of ULC/ORD-C180-97, Other Recognized Document for Liquid Level Gauges and Indicators for Fuel Oil and Lubricating Oil Tanks.

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.

To purchase UL Standards, visit the UL Standards Sales Site at http://www.shopulstandards.com/ HowToOrder.aspx or call tollfree 1-888-853-3503.

This Edition of the Standard has been formally approved by the Joint UL/ULC Technical Committee (TC) on Combustible Liquid Tanks and Accessories, TC 2258.

This list represents the TC 2258 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

TC 2258 Membership

Name	Representing	Interest Category	Region
Beaulieu, Michel	Roth Industries Inc.	Producer	USA
Bourassa, Eric	Granby Industries L.P.	Non-voting	Canada
Corliss, Chuck	NH Department of Environmental Services	AHJ	USA
Deschamps, Claude	Régie du Bâtiment du Québec (RBQ)	AHJ	Quebec
Fasel, Mark	Viega LLC	Producer	USA
Fernandes, Elson	Elfent Ltd.	User	Canada
Lacroix, Jacques	Vilco LTD	Producer	Canada
Legault, Pierre	Integrated Review Services – Consulting	General Interest	Canada
Levey, John	National Oilheat Research Alliance (NORA)	General Interest	USA
Mailvaganam, Miles	M. Mailvaganam	General Interest	Canada
Marando, Michael	National Fire Protection Association	Non voting member	USA
Moulton, Peter	Maine Department of Environmental Protection	Government	USA
Olszewski, Ted	R W Beckett Corp	Producer	USA
Prusko, Jeff	Underwriters Laboratories Inc.	Project Manager – Non voting	USA
Ramert, Jason	Innovative Outdoor Solutions Inc.	Producer	USA
Riegel, Roland	UL LLC	Testing and Standards	USA
Wade, John	ULC Standards	TC Chair – Non-voting	Canada

International Classification for Standards (ICS): 23.040.50; 75.180.01

For further information on UL standards, please contact:

Underwriters Laboratories Inc.
171 Nepean Street, Suite 400
Ottawa, Ontario K2P 0B4
Phone: 1-613.755.2729
E-mail: ULCStandards@ul.com
Web site: ul.org

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.

CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE.