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ANSI/CAN/UL/ULC 842:2025

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Valves for Flammable and Combustible Liquids



ANSI/UL 842-2025



SCC FOREWORD

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UL Standard for Safety for Valves for Flammable and Combustible Liquids, ANSI/CAN/UL/ULC 842

Twelfth Edition, Dated October 30, 2025

Summary of Topics

This new Twelfth Edition of ANSI/CAN/UL/ULC 842 dated October 30, 2025, Standard for Valves for Flammable and Combustible Liquids, includes clarifications of requirements relating to liquid-confining parts and materials used with liquid-confining parts and updates to the Standard to align with ULSE Style Manual.

The new and requirements are substantially in accordance with Proposal(s) on this subject dated May 23, 2025.

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OCTOBER 30, 2025



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ANSI/CAN/UL/ULC 842:2025

Standard for Valves for Flammable and Combustible Liquids

The first edition was titled Construction and Performance of Hazardous Liquid Valves. The second edition was titled Valves for Hazardous Liquids. The third and fourth editions were titled Valves for Flammable Liquids and Fuel Gases.

First Edition – May, 1930
Second Edition – July, 1950
Third Edition – November, 1959
Fourth Edition – May, 1973
Fifth Edition – January, 1974
Sixth Edition – June, 1980
Seventh Edition – June, 1993
Eighth Edition – April, 1997
Ninth Edition – April, 2007
Tenth Edition – May, 2015
Eleventh Edition – August, 2020

Twelfth Edition

October 30, 2025

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

The most recent designation of ANSI/UL 842 as an American National Standard (ANSI) occurred on October 30, 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 October 30, 2025.

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Preface

This is the Twelfth Edition of ANSI/CAN/UL/ULC 842, Standard for Valves for Flammable and Combustible Liquids.

ULSE 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.

This ANSI/CAN/UL/ULC 842 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 Eleventh Edition of UL/ULC 842.

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.

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 Valves for Flammable Fluids, TC 842.

This list represents the TC 842 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

TC 842 Membership

Name	Representing	Interest Category	Region
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Dennis Boyd	BP America Inc.	Commercial / Industrial User	USA
Claude Deschamps	Regie du Batiment du Quebec	Authorities Having Jurisdiction	Canada

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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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