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JOINT CANADA – UNITED STATES NATIONAL STANDARD

ANSI/CAN/UL/ULC 25A:2026

STANDARD FOR SAFETY

Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 98 Percent (E0 – E98)

Approved American National Standard
ANSI

ANSI/UL 25A-2026

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UL Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 98 Percent (E0 – E98), ANSI/CAN/UL/ULC 25A

Third Edition, Dated July 29, 2026

Summary of Topics

This new Third Edition of ANSI/CAN/UL/ULC 25A, dated July 29, 2026 revises the title of the standard and the scope to increase ethanol concentration from 85 % to 98 % for fuel handling equipment.

The new requirements are substantially in accordance with Proposal(s) on this subject dated December 5, 2025 and May 15, 2026.

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ANSI/UL 25A-2026

JULY 29, 2026

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ANSI/CAN/UL/ULC 25A:2026

Standard for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 – E98)

First Edition – July, 2014
Second Edition – May, 2024

Third Edition

July 29, 2026

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

The most recent designation of ANSI/UL 25A as an American National Standard (ANSI) occurred on July 29, 2026. 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 July 29, 2026.

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Preface

This is the Third Edition of ANSI/CAN/UL/ULC 25A, Standard for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 98 Percent (E0 – E98).

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/ULC 25A 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, identified as Normative, forms a mandatory part of this Standard.

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 Third Edition joint American National Standard and National Standard of Canada is based on, and now supersedes, the Second Edition of UL 25A.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

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 Meters for Flammable and Combustible Liquids and LP-Gas, TC 25.

This list represents the TC 25 membership when the final text in this Standard was balloted. Since that time, changes in the membership may have occurred.

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TC 25 Membership

Name	Representing	Interest Category	Region
P. Bhattal	UL Solutions	Testing & Standards Org.	USA
M. Ebert	Fill-Right Company	Producer	USA
D. Karimov	Advanced Flow Solutions, Inc.	Producer	USA
M. Kawate	UL Standards & Engagement	TC Project Manager – Non-voting	USA
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A. McFadden	Firehouse Training	General Interest	Canada
T. Mix	Standards Individuals	Consumer	USA
K. Moriarty	National Renewable Energy Laboratory	Government	USA
J. Petersen	Petersen Engineering	Commercial / Industrial User	USA
C. Pfaff	West Pierce Fire & Rescue	Authorities Having Jurisdiction / Regulator	USA
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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.

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INTRODUCTION

1 Scope

1.1 These requirements cover positive displacement liquid meters for use with motor fuels. Motor fuels, as defined by these requirements, include one or more of the fuels described in 1.3.

1.2 Meters for gasoline/ethanol blends with nominal ethanol concentrations up to 98 % (E0 – E98) shall be constructed to comply with the following:

a) The requirements defined in the Standard for Meters for Flammable and Combustible Liquids and LP-Gas, UL/ULC 25; and

b) The requirements in this Standard.

1.3 Meters covered by these requirements are intended for use with one or more of the following as applicable:

a) Gasoline formulated in accordance with the Standard Specification for Automotive Spark-Ignition Fuel, ASTM D4814;

b) Gasoline/ethanol blends with nominal ethanol concentrations up to 25 % ethanol (E25), consisting of gasoline formulated in accordance with the Standard Specification for Automotive Spark-Ignition Fuel, ASTM D4814, when blended with denatured fuel ethanol formulated to be consistent with the Standard Specification for Denatured Fuel Ethanol, ASTM D4806; or

c) Gasoline/ethanol blends with nominal ethanol concentrations above 25 % formulated in accordance with the following:

1) Standard Specification in (b);

2) Standard Specification for Ethanol Fuel Blends for Flexible-Fuel Automotive Spark Ignition Engines, ASTM D5798; or

3) Standard Specification for Denatured Fuel Ethanol, ASTM D4806.

1.4 Products covered by this Standard are intended to be installed and used in accordance with the applicable Codes and Regulations as determined by the Authority Having Jurisdiction (AHJ), such as, but not limited to:

a) In the United States:

1) Flammable and Combustible Liquids Code, NFPA 30;

2) Code for Motor Fuel Dispensing Facilities and Repair Garages, NFPA 30A;

b) In Canada:

1) The National Fire Code of Canada;

2) Provincial or other Regulations.

1.5 These requirements do not cover:

a) Meters for use with fuels other than as described in 1.3;

b) Velocity meters, head meters, or area meters;

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