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ANSI/CAN/UL/ULC 252:2025

JOINT CANADA-UNITED STATES
NATIONAL STANDARD

STANDARD FOR SAFETY

Compressed Gas Regulators



ANSI/UL 252-2025



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UL Standard for Safety for Compressed Gas Regulators, ANSI/CAN/UL/ULC 252

Eleventh Edition, Dated October 27, 2022

Summary of Topics

This revision of ANSI/CAN/UL/ULC 252 dated February 28, 2025 includes the following changes in requirements:

- Aligning with UL/ULC 252A with respect to glossary terms and Excess Pressure Test; [5.6](#) and [14.5](#).***
- Revising line regulator definition and requirements for connections; [5.4](#) and [8.2](#)***
- Removing MPS gas from the standard and clarifying that the terms “LP-Gas” and “propane” are interchangeable; [1.5](#), [1.6](#), [5.2](#), [Table 5.1](#), [7.2](#), [Table 16.1](#), [16.1.3](#), and [16.3.1](#) – [16.3.5](#)***

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 August 16, 2024 and November 29, 2024.

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Standard for Compressed Gas Regulators

The first and second editions were titled Standard for Pressure Regulators or Reducing Valves and numbered UL 252C. The third and fourth editions were titled Gas Pressure Regulators.

First Edition – March, 1928
Second Edition – May, 1951
Third Edition – August, 1960
Fourth Edition – May, 1973
Fifth Edition – December, 1979
Sixth Edition – June, 1984
Seventh Edition – April, 1996
Eighth Edition – October, 2003
Ninth Edition – September, 2010
Tenth Edition – September, 2017

Eleventh Edition

October 27, 2022

This ANSI/CAN/UL/ULC Safety Standard consists of the Eleventh Edition including revisions through February 28, 2025.

The most recent designation of ANSI/UL 252 as an American National Standard (ANSI) occurred on February 28, 2025. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

The Department of Defense (DoD) has adopted UL 252 on September 26, 1988. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

This standard has been designated as a National Standard of Canada (NSC) on February 28, 2025.

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Preface

This is the Eleventh Edition of ANSI/CAN/UL/ULC 252, Standard for Compressed Gas Regulators.

UL 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 252 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](#) is identified as Normative, as such, forms mandatory parts 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 joint American National Standard and National Standard of Canada is based on, and now supersedes, the Tenth Edition of UL 252 and ULC/ORD-C252-75.

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 Compressed Gas Regulators and Accessories, TC 252.

This list represents the TC 252 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.