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NATIONAL STANDARD

ANSI/CAN/UL/ULC 1349:2023

STANDARD FOR SAFETY

LP-Gas Vaporizers

Approved American National Standard

ANSI/UL 1349-2023

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UL Standard for Safety for LP-Gas Vaporizers, ANSI/CAN/UL/ULC 1349

First Edition, Dated February 27, 2023

Summary of Topics

This First Edition of ANSI/CAN/UL/ULC 1349, Standard for LP-Gas Vaporizers, dated February 27, 2023 is a new joint standard and reflects the latest ANSI and SCC approval dates and to incorporate the proposals dated March 11, 2022 and June 24, 2022.

The new requirements are substantially in accordance with Proposal(s) on this subject dated March 11, 2022 and June 24, 2022.

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ANSI/UL 1349-2023

FEBRUARY 27, 2023



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ANSI/CAN/UL/ULC 1349:2023

Standard for LP-Gas Vaporizers

First Edition

February 27, 2023

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

The most recent designation of ANSI/UL 1349 as an American National Standard (ANSI) occurred on February 27, 2023. 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 February 27, 2023.

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Preface

This is the First Edition of ANSI/CAN/UL/ULC 1349, Standard for LP-Gas Vaporizers.

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 1349 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.

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 On-Line 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 UL Standards Technical Panel (STP) on Valves and Safety Relief Valves for Anhydrous Ammonia and LP-Gas, STP 125.

This list represents the STP 125 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

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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 liquefied petroleum gas (LP-Gas) vaporizers of the stationary type.

1.2 Vaporizers covered by these requirements 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) Liquified Petroleum Gas Code; NFPA 58;

2) National Electrical Code, NFPA 70.

b) In Canada:

1) Natural Gas and Propane Installation Code, CAN/CSA-B149 Series;

2) Canadian Electrical Code, CSA C22.1, Part 1;

3) Provincial or other regulations.

2 Components

2.1 Except as indicated in this clause, a component of a product covered by this standard shall comply with the requirements for that component.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or

b) Is superseded by a requirement in this standard.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

3 Units of Measurement

3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

4 Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following documents are referenced in this standard. Users are encouraged to apply the most recent edition of the reference indicated below.

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