



UL 132

STANDARD FOR SAFETY

Safety Relief Valves for Anhydrous Ammonia and LP-Gas

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UL Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas, UL 132

Eighth Edition, Dated June 30, 2015

Summary of Topics

This revision of ANSI/UL 132 includes changes to the Moist Ammonia-Air Stress Cracking Test, Section 22, inadvertently left out of the new edition.

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 revised requirements are substantially in accordance with Proposal(s) on this subject dated May 8, 2015.

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UL 132

Standard for Safety Relief Valves for Anhydrous Ammonia and LP-Gas

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Eighth Edition

June 30, 2015

This ANSI/UL Standard for Safety consists of the Eighth Edition including revisions through July 2, 2015.

The most recent designation of ANSI/UL 132 as an American National Standard (ANSI) occurred on June 30, 2015. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information.

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>.

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INTRODUCTION

1 Scope

1.1 These requirements cover pressure and safety relief valves and hydrostatic relief valves for anhydrous ammonia and liquefied petroleum gas (LP-Gas) for use on containers built in accordance with ASME Pressure Vessel Code, Section VIII, Division 1 in nonrefrigerated systems in facilities covered by the following standards:

- a) Requirements for the Storage and Handling of Anhydrous Ammonia, (ANSI K61.1), ANSI/ CGA G-2.1.
- b) Liquefied Petroleum Gas Code, NFPA 58.
- c) Utility LP-Gas Plant Code, NFPA 59.

1.2 These requirements do not apply to relief valves for use on cylinders constructed in accordance with Department of Transportation (DOT) specifications.

2 General

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a valve covered by this standard shall comply with the requirements for that component.

2.1.2 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.

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

2.1.4 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.