



UL 2586

STANDARD FOR SAFETY

Hose Nozzle Valves

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UL Standard for Safety for Hose Nozzle Valves, UL 2586

First Edition, Dated April 29, 2011

Summary of Topics

This revision of ANSI/UL 2586 is being issued to revise the hose nozzle valve guard strength test.

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. Changes in requirements are marked with a vertical line in the margin and are followed by an effective date note indicating the date of publication or the date on which the changed requirement becomes effective.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated February 15, 2013.

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The requirements in this Standard are now in effect, except for those paragraphs, sections, tables, figures, and/or other elements of the Standard having future effective dates as indicated in the note following the affected item. The prior text for requirements that have been revised and that have a future effective date are located after the Standard, and are preceded by a "SUPERSEDED REQUIREMENTS" notice.

The following table lists the future effective date with the corresponding item.

Future Effective Date	References
April 30, 2015	Entire standard



APRIL 29, 2011
(Title Page Reprinted: March 27, 2013)



HISTORICAL NOTE

ANSI/UL 2586-2013

Prior to the first edition, the requirements for the products covered by this standard were included in the Standard for Valves for Flammable Fluids, UL 842.

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UL 2586

Standard for Hose Nozzle Valves

First Edition

April 29, 2011

This ANSI/UL Standard for Safety consists of the First Edition including revisions through March 27, 2013.

The most recent designation of ANSI/UL 2586 as an American National Standard (ANSI) occurred on March 27, 2013. 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 effective April 30, 2015

1.1 These requirements cover hose nozzle valves that are intended to be used for the control of flammable and combustible liquids. They are of the type used in motor fuel dispensing equipment. Hose nozzle valves covered by this standard are for use with flammable fluids which are handled at temperatures within the range of minus 29°C (minus 20°F) to 52°C (125°F) and an operating pressure of minimum 50 psi (350 kPa).

1.2 These requirements cover hose nozzle valves of the manually operated and automatic pressure operated type.

When they form a part of an assembly which provides for additional functions or service, the requirements are outside the scope of these requirements.

1.3 These requirements do not cover the following:

- a) Hose nozzle valves for handling liquids under cryogenic conditions.
- b) Hose nozzle valves for general refinery service, offshore and pipe line terminals, natural gas processing plants, gas distribution systems, petrochemical processing facilities, or the like.
- c) Hose nozzle valves operated wholly or partially by electricity or battery.

1.4 For hose nozzle valves intended to be used with gasoline/ethanol blends with nominal ethanol concentrations above 10%, refer to Outline of Investigation for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85), UL 87A, for additional requirements.

Revised 1.4 effective April 30, 2015

1.5 Refer to Outline of Investigation, UL 87B, for additional requirements for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil.

1.6 Requirements for the installation and use of these dispensing devices are included in the Code for Motor Fuel Dispensing Facilities and Repair Garages, NFPA 30A.

2 General

2 effective April 30, 2015

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a product 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.

2.1.5 A hose nozzle valve with an integral swivel shall be additionally evaluated to the Electrical-Continuity and Operation Tests in the Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas, UL 567. The force is to be applied at the point on the swivel farthest from the joint. When necessitated by the swivel construction, this test is to be conducted on additional samples of the swivel with the load applied on the opposite side of the plane of rotation. See UL 567, Figures 15.1 – 15.3 for examples.

2.2 Units of measurement

2.2.1 When a value for measurement is followed by a value in other units in parentheses, the first stated value is the requirement.

2.3 Undated references

2.3.1 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.