



# UL 859

## STANDARD FOR SAFETY

### Household Electric Personal Grooming Appliances



UL Standard for Safety for Household Electric Personal Grooming Appliances, UL 859

Eleventh Edition, Dated June 20, 2012

### **Summary of Topics**

***This revision of ANSI/UL 859 dated July 14, 2021 includes the following changes in requirements:***

***– Addition of Cord Tag Evaluated to UL 969A; [58.1.1](#), Section [63](#), [72.1.4](#), [72.4.2](#), [72.4.4](#), [72.5.2](#), [72.5.4](#), and [83.5](#)***

***– Replacement of reference to UL 508C, Standard for Power Conversion Equipment with the reference to UL 61800-5-1, Standard for Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal and Energy; [28.3.7](#)***

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 new and revised requirements are substantially in accordance with Proposal(s) on this subject dated May 7, 2021.

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## **UL 859**

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The most recent designation of ANSI/UL 859 as an American National Standard (ANSI) occurred on July 14, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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 <https://csds.ul.com>.

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## INTRODUCTION

### 1 Scope

1.1 These requirements cover electric personal grooming appliances intended for household use, such as hair curlers and dryers, combs, brushes, and similar appliances to be used in accordance with the National Electrical Code, NFPA 70.

1.2 These requirements do not cover appliances rated more than 250 volts nor appliances covered in the following Standards for Safety:

- a) The Standard for Medical Electrical Equipment, Part 1: General Requirements for Safety, UL 60601-1;
- b) The Standard for Personal Hygiene and Health Care Appliances, UL 1431;
- c) The Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances, UL 60335-2-8;
- d) The Standard for Motor-Operated Massage and Exercise Machines, UL 1647;
- e) The Standard for Electric Heating Pads, UL 130; and
- f) The Standard for Commercial Electric Personal Grooming Appliances, UL 1727.

### 2 Components

2.1 A component of a product covered by this standard shall:

- a) Comply with the requirements for that component as indicated in the individual section(s) covering that component;
- b) Be used in accordance with its rating(s) established for the intended conditions of use;
- c) Be used within its established use limitations or conditions of acceptability;
- d) Additionally comply with the applicable requirements of this standard; and
- e) Not contain mercury, unless used within a fluorescent, high intensity discharge, or neon lamp bulb.

*Exception No. 1: A component of a product covered by this standard is not required to comply with a specific component requirement that:*

- a) Involves a feature or characteristic not required in the application of the component in the product;*
- b) Is superseded by a requirement in this standard; or*
- c) Is separately investigated when forming part of another component, provided the component is used within its established ratings and limitations.*

*Exception No. 2: A component complying with a component standard other than those cited in this standard is acceptable if:*

- a) The component also complies with the applicable component standard indicated in this standard; or*