

STANDARD INFORMATION

Standard Number: UL 60335-2-8

Standard Name: Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances

Standard Edition and Issue Date: 6th Edition Dated June 25, 2018

Date of Revision: June 25, 2018

Date of Previous Revision of Standard: September 26, 2012

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 25, 2021**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes:

- New requirements for safety instructions
- Revision to requirements for markings
- New requirements for 120V products
- New requirements for heated reservoirs for use with flammable cleaning solutions

Specific details of new/revise requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<p>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</p>
7	Info	<p>Marking and instructions</p> <p><i>New clause added;</i></p> <p>D2 Modification to replace the first, second, third, and fourth paragraphs of 7.12 of the Part 2 addition with the following:</p> <p>The instructions shall state whether the appliance is intended for household or commercial use.</p> <p>7.12DV.1 If the blade temperatures exceed the limit for handles held for short periods only in Table 3, the instructions for ANIMAL CLIPPERS for commercial use and ANIMAL SHEARERS shall include the substance of the following.</p> <p>WARNING: Cutting blades may become hot after prolonged use.</p> <p>If a symbol is used in place of required marking text, such as for the OFF POSITION in 7.10DV, WET SHAVERS or WASHABLE SHAVERS in 7.1, its meaning shall be explained.</p> <p><i>New clause added;</i></p> <p>D2 Modification to replace the sixth paragraph of 7.12 of the Part 1 with the following:</p> <p>7.12DV.2 The instructions for CLASS III APPLIANCES shall include the substance of the following and shall warn against using unapproved sources:</p> <p>Use only with a USB Power Source on a certified product, such as on a computer, receptacle, lamp, class 2 power supply or automotive adaptor.</p> <p>As applicable, the following instructions shall be included in the list, following the word "WARNING," in addition to the instructions specified in 7.12DV.3.1:</p> <p>7.12DV.3.2 <u>f) For appliances provided with a liquid cleaning system:</u></p> <ol style="list-style-type: none"><u>1) Use only on a level surface.</u><u>2) Unplug this appliance before filling. Use only cleaning solution recommended by the manufacturer. Do not overfill (or specify filling instructions).</u>



CLAUSE	VERDICT	COMMENT
		<p><u>3) Use only liquid cleaning system provided or recommended by manufacturer.</u></p> <p><u>4) Unless the cleaning solution is not considered to be flammable: “The cleaning solution is flammable. Avoid flame, hot surfaces or smoking during use. Keep out of reach of children. Store in a well-ventilated, cool area.”</u></p>
		<p><i>New clause added;</i></p> <p>D2 Modification of 7.14 to add the following:</p> <p>The signal words Warning, Caution, and Danger shall be in uppercase letters having a height not less than:</p>
7.14DV		<p>– 3,5 mm for appliances normally used on the floor;</p> <p>– 2,0 mm for portable appliances with a printable surface of less than 10 cm²; and</p> <p>– 3,0 mm for other appliances.</p> <p>Uppercase letters of the text explaining the signal word shall be no smaller than 1,6 mm, with other letters according to the font size of the uppercase letter. Unless contrasting colors are used, molded in, engraved, or stamped markings shall be either raised above or have a depth below the surface of at least 0,25 mm.</p>
		<p><i>New clause added;</i></p> <p>D2 Addition:</p>
7.101DV		<p>Unless the cleaning solution is not considered to be flammable, the cleaning reservoir shall be marked with the following:</p> <p>The cleaning solution is flammable. Avoid flame, hot surfaces or smoking during use. Keep out of reach of children. Store in a well-ventilated, cool area.</p>
11	Info	Heating
		<p><i>New clause added;</i></p> <p>D2 Modification to replace 11.5 of the part 1:</p>
11.5DV		<p>MOTOR-OPERATED APPLIANCES are operated under NORMAL OPERATION and supplied at 120 V, and for appliance with a RATED VOLTAGE other than 120 V, the test shall be repeated at the RATED VOLTAGE or at the most unfavourable voltage of the RATED VOLTAGE RANGE.</p>
		<p><i>New clause added;</i></p> <p>D2 Modification to replace 11.6 of the part 1:</p>
11.6DV		



CLAUSE	VERDICT	COMMENT										
		<p>COMBINED APPLIANCES are operated under NORMAL OPERATION and supplied at 120 V, and for appliance with a RATED VOLTAGE other than 120 V, the test shall be repeated at the RATED VOLTAGE or at the most unfavorable voltage of the RATED VOLTAGE RANGE.</p> <p>New clause added;</p> <p>D2 Modification to replace the 1st sentence of 11.8 of the Part 2 addition with the following:</p>										
11.8DV.1		<p>The temperature rise of parts that are in contact with skin in normal use, or are held in the hand, shall not exceed the limits specified for handles which are continuously held in normal use. The temperature rise of parts that are in contact with hair in normal use, but only contact the skin for short periods, such as the blades of a hair clipper or trimmer, shall not exceed the limits specified in Table 11.8DV.</p> <p>New table added;</p> <p style="text-align: center;">Temperature rise limits for blades in contact with hair during normal use</p> <table border="1"> <thead> <tr> <th>Surfaces of parts in contact with hair in normal use</th> <th>Temperature rise, K</th> </tr> </thead> <tbody> <tr> <td>– of bare metal</td> <td>40</td> </tr> <tr> <td>– of coated metal</td> <td>44</td> </tr> <tr> <td>– of porcelain or vitreous material</td> <td>50</td> </tr> <tr> <td>– of plastic having a thickness exceeding 0,4 mm</td> <td>65</td> </tr> </tbody> </table> <p>^a The temperature limits are based on the limits in Table 3 of the Part 1 for handles held for short periods only for normal use, but are increased 5°C to accommodate for the reduction in blade temperatures when the appliance is moved during normal operation.</p>	Surfaces of parts in contact with hair in normal use	Temperature rise, K	– of bare metal	40	– of coated metal	44	– of porcelain or vitreous material	50	– of plastic having a thickness exceeding 0,4 mm	65
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		<p>New clause added;</p> <p>D2 Modification to add the following to 11.8:</p>										
11.8DV.2		<p>For appliances provided with a heated cleaning reservoir, surfaces in contact with the cleaning fluid shall not exceed 50°C unless the cleaning solution is suitable for use at higher temperatures or not considered to be flammable.</p>										
22	Info	<p>Construction</p> <p>New clause added;</p> <p>D1 Modification to replace 22.54 of the Part 1 by the following:</p>										
22.54DV		<p>To reduce the risk of injury due to battery ingestion, the battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:</p>										



CLAUSE	VERDICT	COMMENT
		a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1,25 in) or less where the cell diameter is greater than its height; and b) The appliance is intended for household use.
		Section deleted;
30		<i>Non-metallic materials will need to be evaluated for ball pressure per Clause 30.1 and resistance to fire per Clause 30.2.</i>
CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.		