

STANDARD INFORMATION

Amendment 1: See updated impact statement and effective date in blue below.

If the project requires any changes to the Certification Data Report outside of Section 1, then this SUN applies.

Standard: UL 60335-2-8 / CSA C22.2 No. 60335-2-8

Standard ID:

Household and Similar Electrical Appliances - Safety - Part 2-8: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances [UL 60335-2-8:2025 Ed.7]

Household and Similar Electrical Appliances - Safety - Part 2-8: Particular Requirements for Shavers, Hair Clippers and Similar Appliances [CSA C22.2#60335-2-8:2025 Ed.4]

Previous Standard ID:

Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances [UL 60335-2-8:2018 Ed.6+R:28Jun2021]

Household and Similar Electrical Appliances - Safety - Part 2-8: Particular Requirements for Shavers, Hair Clippers and Similar Appliances (R2021) [CAN/CSA C22.2#60335-2-8:2016 Ed.3+A1;A2]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: ~~March 31, 2027~~ July 1, 2028

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: No action is required for currently certified products. If modifications to the product after the effective date require an evaluation and/or testing, then the product must undergo re-evaluation to the new requirements.

~~Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.~~

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

- New requirements for wet shavers, wet clippers, and wet epilators
- New requirements for washable shavers, washable clippers, and washable epilators
- New requirements for marking and instructions
- Revisions to the spring hammer test and ball impact test
- Additional requirements for button batteries or coin cell batteries
- New requirements for supply connection and external flexible cords
- New requirements for clearances, creepage distances and solid insulation

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



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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<p>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</p>
6	Info	<p>Classification</p> <p><i>New clause added;</i></p> <p>6.2DV.1 WET SHAVERS, WET CLIPPERS, and WET EPILATORS shall be at least IPX7. This classification does not apply to:</p> <ul style="list-style-type: none">a) parts that are intended to be fixed and DETACHABLE POWER SUPPLY PARTS with pins for insertion into socket outlets that are at least IPX4; orb) parts of CLASS III CONSTRUCTION, other than hand-held parts, that are at least IPX4.
		<p><i>New clause added;</i></p> <p>6.2DV.2 WASHABLE SHAVERS, WASHABLE CLIPPERS, and WASHABLE EPILATORS shall be at least IPX4. This classification does not apply to:</p> <ul style="list-style-type: none">a) parts that are intended to be fixed and DETACHABLE POWER SUPPLY PARTS with pins for insertion into socket outlets; andb) parts of CLASS III CONSTRUCTION, other than hand-held parts.
7	Info	<p>Marking and instructions</p> <p><i>New clause added;</i></p> <p>7.12DV.1 The instructions for CLASS III APPLIANCES for use with a USB Power Source shall include the substance of the following and shall warn against using unapproved sources:</p> <p>Use only with a USB Power Source of a certified product, such as on a computer, receptacle, lamp, class 2 power supply or automotive adaptor.</p>
		<p><i>New clause added;</i></p> <p>7.16DV.1 If replaceable fuses are provided, whether located inside the appliance or externally serviceable, the maximum size, in amperes, of the fuse to be used in each circuit shall be marked on or adjacent to its respective fuseholder.</p>
		<p><i>New clause added;</i></p> <p>7.16DV.2 Other relevant ratings, including time characteristic, breaking capacity, and voltage, shall be included with the current rating if replacement with a fuse that has other ratings could result in non-compliance with this Standard.</p>



CLAUSE	VERDICT	COMMENT
21	Info	Mechanical strength
		<i>New clause added;</i>
21.1DV.1		The spring hammer test and ball impact test are not applied to hand-held parts of appliances.
22	Info	Construction
		To reduce injury due to battery ingestion, the battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more <u>button batteries or coin cell batteries of lithium technologies</u> shall comply with UL 4200A, if the appliance or any accessory:
22.54DV		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.
		<i>New clause added;</i>
22.104DV		For WET SHAVERS, WET CLIPPERS, WET EPILATORS, WASHABLE SHAVERS, WASHABLE CLIPPERS and WASHABLE EPILATORS, USB connections are not allowed on hand-held parts of the appliances.
		For WASHABLE SHAVERS, WASHABLE CLIPPERS, and WASHABLE EPILATORS, USB connections on detachable power supply parts are only allowed to be USB-A connections.
		<i>New clause added;</i>
22.105DV		Fuseholders shall be constructed and installed so that bare LIVE PARTS other than the screwshell in plug fuses will not be exposed to contact by persons removing or replacing fuses, i.e., they shall be dead-front. The screwshells of plug fuseholders and the contact of extractor-post-cartridge-type fuseholders adjacent to the mounting surface shall be connected to the load side of the circuit.
		<i>New clause added;</i>
22.106DV		If a polarized SUPPLY CORD is used, any single-pole overcurrent protective device connected in series with the mains supply source shall be connected between the ungrounded conductor and the load.
25	Info	Supply connection and external flexible cords
		<i>New clause added;</i>
25.101DV.1		A HAND-HELD APPLIANCE having a WORKING VOLTAGE greater than SAFETY EXTRA-LOW VOLTAGE that employs a CORD SET shall have the appliance inlet and CORD SET connector tested as specified in Clauses 25.101DV.2 to 25.101DV.4.



CLAUSE	VERDICT	COMMENT
		<i>New clause added;</i>
25.101DV.2		The appliance plug retention system shall be subjected to 1000 cycles of plug insertion and removal, with each cycle consisting of an insertion into and removal from the appliance.
		<i>New clause added;</i>
25.101DV.3		The insertion and removal of the plug shall be done at a rate not exceeding 10 cycles/min, unless the manufacturer agrees to a faster rate. The appliance shall not be energized.
		<i>New clause added;</i>
25.101DV.4		At the end of the test, the plug retention system shall withstand for 1 min a 4,4 N withdrawal force axially applied to the cord, without the plug becoming disengaged from the retention system.
		<i>New section added;</i>
29		Clearances, creepage distances and solid insulation
		For CLASS 0 APPLIANCES, minimum CLEARANCES shall in no case be less than the following values:
29.1DV		<ul style="list-style-type: none">• 1,6 mm for a RATED VOLTAGE above 50 V.• 3,2 mm for CLEARANCES between LIVE PARTS and conductive ACCESSIBLE SURFACES.
		For CLASS 0 APPLIANCES, minimum CREEPAGE DISTANCES shall in no case be less than the following values:
29.2DV		<ul style="list-style-type: none">• 1,6 mm for a WORKING VOLTAGE above 50 V.• 3,2 mm for CREEPAGE DISTANCES between LIVE PARTS and conductive ACCESSIBLE SURFACES.
29.3DV		“BASIC INSULATION in CLASS 0 APPLIANCES,”
29.4DV		– 0.66 mm for BASIC INSULATION in CLASS 0 APPLIANCES, except that if it is mica, it may be 0.25 mm thick.