Announcing: Publication of CAN/CSA-C22.2 No. 60335-2-23:15 - Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care

See Attachment 1 for affected Class Numbers.
To purchase the Standard, visit us at www.shop.csa.ca

Who is affected?
Manufacturers of electric appliances for the care of skin or hair of persons or animals, including curling irons, facial saunas, hair and hand dryers, etc.

What do you do?
1. CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA Group’s “Application for CSA Certification Services” and “Quotation” communication. You must respond no later than June 1, 2019 in order to guarantee the update to your certification is completed by January 1, 2020. If testing is needed, we will inform you of the samples required.

Approvals:

New appliances and appliances currently Certified to a previous edition of the subject standard (E335-2-23 or E60335-2-23) are required to comply with the requirements of CAN/CSA-C22.2 No. 60335-2-23:15 prior to the effective date. Additionally, all appliances currently Certified to CSA-C22.2 No. 36 and facial saunas currently Certified to CSA-C22.2 No. 64 are affected by this Notice and are required to comply with the requirements of CAN/CSA-C22.2 No. 60335-2-23:15 prior to the effective date.

Products Certified to CAN/CSA-C22.2 No. 60335-2-23 will be listed in classes 3871 51 (hair dressing and hand drying appliances) and 3872 54 (electrically-heated hygiene and cosmetic appliances) as applicable.

Major Revisions:
See attachment 2

Background and Rationale:
See attachment 3
ATTACHMENT 1

Affected Class Numbers

Class No:
3871 01, HEATERS - Hair Dressing and Hand Drying
3871 51, HEATERS - Hair Dressing and Hand Drying
3872 04, HYGIENE AND COSMETIC APPLIANCES - Electrically-heated
3872 54, HYGIENE AND COSMETIC APPLIANCES - Electrically-heated

ATTACHMENT 2

Major Revisions

The following list describes the technical changes between CAN/CSA-E60335-2-23:05 and CAN/CSA-C22.2 No. 60335-2-23:15. Editorial changes to the standard are not included.

Edition of the Part 1

- This edition of CAN/CSA-C22.2 No. 60335-2-23 is used in conjunction with CAN/CSA-C22.2 No. 60335-1-11. The previous edition, CAN/CSA-E60335-2-23:05, was used in conjunction with CAN/CSA-E6035-1/4E:03.

Technical Changes in this Part 2

- Added a load for testing appliances with socket outlets (5.2A).
- Added requirement to limit the maximum allowable marked rating for appliances intended for use on a nominal 120 V, 15A branch circuit (7.1A).
- Added supply disconnection warning for appliances that make allowance for cleaning or similar servicing by the user that involves the exposure of any normally enclosed or protected live part to accidental contact (7.1B).
- Added stability bracket marking (7.1C).
- Added duty cycle marking (7.1D).
- Added marking to indicate top and bottom of appliances (7.1E).
- Added disconnection and replacement markings for appliances with 250V lamps and other replaceable parts (7.1F and 7.1G).
- Added supply disconnection warning for appliances with liquid containers (7.1H).
- Added warning for commercial appliances that do not comply with household appliance temperature limits (7.1I).
- Added requirements for fuse replacement markings (7.16).
- Defined a representative period for measuring current and power input (10.1 and 10.2).
- Added limitation on maximum allowable current consumption (10.2A).
- Added details for conducting the normal temperature test on hand-held appliances with an integral rest and for commercial hairdryers other than the hand-held type, and steamers (11.2).
- Added details for measurement of air temperature for air discharged from appliances (11.3).
- Added temperature limits (Table 3).
- Added moisture resistance tests (15.3A and 15.3B).
- Added conditions for conducting abnormal operation tests and added to the criteria for compliance (19.1 and 19.13).
- Added details for how to obtain restricted heat dissipation for hand-held appliances without an integral rest (19.2).
- Revised abnormal operation test for reduced voltage to the motor in hairdryers (19.101).
- Added voltage mismatch test for appliances with voltage selector switches (19.102A).
- Modified stability test for facial saunas; it is now to be conducted at 15° (20.1A).
- Clarified that the 2J impact is also applied to guards for live parts (21.1).
- Added allowance for single pole switches to be used for disconnection from the supply mains in certain circumstances (22.2).
- Added requirement that covers for cleaning be permanently secured to the appliance (22.8).
- Added baffling requirements for heater elements in hoods (22.24).
- Added requirements for appliances incorporating lamps (22.39A to 22.39E).
- Modified requirements for application of IEC 61170 (22.48).
- Added requirements for enclosure openings, including the flaming oil test (22.102A, 22.102B).
- Restriction on use of aluminum-sheathed elements (22.102C).
- Added requirement for accessibility to and protection from shock for overcurrent devices (22.102D, 22.102E).
- Added maximum size for air inlet openings for household hand-held hair dryers and screen requirements for other types of hair dryers (22.102F and 22.102G).
- Added construction requirement that appliances utilizing liquids not allow electrical components to contact collected moisture or flooding (22.105H).
- Added requirement appliances depending on air flow over a heating element for compliance be wired such that the element can only be energized when the motor driving the air flow is on (22.105I).
- Added a test for PTC heater elements (22.105J).
- Added endurance test for appliances incorporating rope heater elements (22.102K).
- Added requirement for location of switches in supply cords (24.2).
- Added requirement that heater elements comply with CSA C22.2 No. 72.
- Added length, gauge and insulation requirements for supply leads in terminal boxes (25.4).
- Added requirement for supply cord ratings, types and lengths (25.7, 25.8DV.1).
- Added tests for cord-connected appliances that are not moved while in operation and cord-connected appliances that do not have a swivel connection but that are rotated frequently while in operation (25.14, 25.14A and 25.14B).
- Increased the force used for pulling on the supply cord when testing appliances with a mass less than 1kg for appliances that have a swivel connection (25.15).
- Added requirement that terminal boxes and wiring compartments in which supply connections are made be located so that the connections will be accessible for inspection (26.10A).
- Added flammability requirements for non-metallic enclosures for heating elements, live parts, air intake and air exhaust guards, grilles, supports for electrical components and for materials having flame-retardant coatings, liners, or coverings (30.2A).

**ATTACHMENT 3**

Background and Rationale

CSA Standards in the 60335-series consist of one “Part 1” (60335-1) and several Part 2 Standards (E60335-2-XX or C22.2 No. 60335-2-XX). Each Part 2 is for a more specific product type and works in conjunction with Part 1 by accepting the content of the clause without change, or by adding to, amending or omitting it. The latest edition of the Part 1 is CAN/CSA-C22.2 No. 60335-1-11, which was announced December 5, 2012 in CSA Informs Ref No: I12-107, Appliances No. 21.