Appliances No. 45  
(Supersedes Notice Appliances No. 34, Ref No: N14-071)

Date: February 24, 2015

Announcing: Publication of CAN/CSA-C22.2 No. 60335-2-9:14 - Household and similar electrical appliances — Safety — Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

Class No: 2831 02, HEATERS - Cooking and Liquid - Portable Type  
2831 52, HEATERS - Cooking and Liquid - Portable Type

To purchase the Standard, visit us at www.shop.csa.ca

Who is affected?
Manufacturers of portable electric cooking appliances, such as breadmakers, candy floss makers, hotplates, indoor barbecues, popcorn makers, portable ovens, toasters and waffle irons.

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 the application dates listed in Attachment 1 in order to guarantee the update to your certification is completed by the corresponding effective dates shown in the same attachment. If testing is needed, we will inform you of the samples required.

Approvals:
Portable electric cooking appliances currently Certified to CSA C22.2 No. 64, CSA C22.2 No. 1335.2.9 (except outdoor barbecues) or a previous edition of the subject standard (E335-2-9 or E60335-2-9) are required to comply with the requirements of CAN/CSA-C22.2 No. 60335-2-9:14 prior to the effective date listed in Attachment 1.

Major Revisions:
See Attachment 2.

Background and Rationale:
See Attachment 2.

For technical questions on this Certification Notice
Contact David Briere, P. Eng.  
by phone 416.747.2591, fax 416.747.4149  
or e-mail david.briere@csagroup.org

In the event your models do not comply with the effective standards, arrangements must be made to bring them into compliance. In the event we do not receive a response as to your currently certified models, prior to the above applicable effective date(s), the certification of such models will be discontinued.

For questions specific to your file or products contact your CSA Group technical staff associate.
Go to http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

Visit us at www.csagroup.org Click on “Contact Us” for the online phone listing of our Offices and Partners

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ATTACHMENT 1

Effective Dates

Portable electric cooking appliances currently Certified to a previous edition of the subject standard (E335-2:9 or E60335-2:9) are required to comply with the requirements of CAN/CSA-E60335-2:9:13 or CAN/CSA-C22.2 No. 60335-2:9:14 prior to June 1, 2016. To guarantee the update to your certification is completed by this date, apply before December 1, 2015.

Portable electric cooking appliances currently Certified to CSA C22.2 No. 64, C22.2 No. 1335.2.9 (except outdoor barbecues) or a previous edition of the subject standard (E335-2:9 or E60335-2:9) are required to comply with the requirements of CAN/CSA-C22.2 No. 60335-2:9:14 prior to January 1, 2019. To guarantee the update to your certification is completed by this date, apply before March 1, 2018.

All new submittals of portable electric cooking appliances will be evaluated to CAN/CSA-C22.2 No. 60335-2:9:14 unless specifically requested otherwise in writing.

ATTACHMENT 2

Major Revisions

The following list describes the technical changes between CAN/CSA-E60335-2:9:13 and CAN/CSA-C22.2 No. 60335-2:9:14. Editorial changes to the standard are not included.


Edition of the Part 1

- This edition of CAN/CSA-C22.2 No. 60335-2:9 is used in conjunction with CAN/CSA-C22.2 No. 60335-1-11. The previous edition, CAN/CSA-E60335-2:9:13, was also used in conjunction with CAN/CSA-C22.2 No. 60335-1-11.

Technical Changes in this Part 2

- General: A number of requirements/tests are based on CSA C22.2 No. 64-10 (these are included in the list below).

- Candy floss appliances and induction wok hotplates are added to the scope and associated requirements are added (1, 3.1.9.108, 3.1.9.113, 3.121, 3.122, 7.12, 11.1, 11.7, 11.103, 13.1, 15.2, 16.1, 19.1, 19.2, 21.101, 22.114, Figure 101).

- A new definition of “hot functional surface” is added and exemptions for these surfaces are added (3.123, 7.15, 11.8, 11.101, 11.103)

- Requirement to load of socket outlets during tests that would be adversely affected by doing so (5.101A).

- Revision to the allowable classes with respect to protection from electric shock for various product types (6.1).

- Revision to the limitation to the maximum input rating (and relocation from 10.2) and revision to the use of the hot surface marking (7.1).
- Removed the requirement of user instructions for hot surfaces, except when the hot surface symbol is used (7.12).
- Changed the height requirement for the hot surface symbol from 12mm to 20mm (7.14).
- Added clarity to the need for visibility of the hot surface marking (7.15).
- Revision to fuse rating marking requirements (7.16).
- Additional marking requirements for cleaning, stability brackets, cord sets with integral thermostatic controls (7.16A to 7.16C).
- Relocation of non-continuous load (duty cycle) marking from clause 7.1A to 7.16D.
- New temperature test for ovens, rotary grills and cookers (11.1, 11.102).
- New temperature test for contact grills, waffle irons, radiant grills, raclette grills, barbecues and hot plates. The test is also applicable to candy floss appliances, however these are only now added to the scope (11.1, 11.103).
- New temperature test for breadmakers, pop-corn makers and food dehydrators (11.1, 11.104).
- New temperature test for roasters (11.1, 11.105).
- New requirement to use the temperature measurement probe for flat surfaces (11.3, Figure 105).
- Breadmakers are now treated as combined appliances (11.4).
- New temperature rises are specified for external surfaces (11.8).
- Revision to the additional toaster temperature test (11.101).
- Requirement for the enclosure of outdoor appliances to comply with the requirements for Type 3R enclosures as specified in C22.2 No. 94.2 (15.101A).
- Additional test for resistance to moisture (15.101B).
- Removal of the test for toaster ovens (19.1A, 19.106A).
- Stability testing to be conducted at 15° without overturning (20.1).
- Revision to the energy used for impact testing (21.1).
- Allowance for single pole mains switch for appliances with polarized cord sets (22.2).
- Requirement for covers that open for cleaning to incorporate an interlock or be marked as specified in 7.16A (22.7A).
- Additional requirements added for lamps and lampholders (22.39).
- Refined the application of IEC 61770 to demonstrate prevention of backsiphonage of non-potable water into the water mains (22.48).
- Hotplates are no longer permitted to incorporate a timer that is intended to delay the operation of a heating element (22.101).
- Additional requirement for induction hotplates to not switch on until a 3mm thick 50mm diameter cast iron disk is within 20mm and to switch off when vessels are removed (22.110).

- New test for appliances incorporating a hotplate with at least one heating unit controlled by an electronic circuit.

- New requirements for various appliances to have provision for removal of food (22.115A, 22.115C).

- New limitations for locations of enclosure openings (22.115B).

- New thermal endurance test for appliances with rope heater elements (22.115D).

- New requirements for location of overcurrent devices (22.115E).

- New requirements for location of fuseholders and shock hazard associated with them (22.115F).

- New requirement for hotplates to have an indicator light when any element is not in the off position (22.115G).

- New requirement for immersible appliances with thermostatically controlled cord sets to be provided with a spring-loaded ground contact (22.115H).

- New endurance test for appliances having pins and contacts used for the sole purpose of earthing (22.115I).

- New test to evaluate effect of accumulation of dripped fat from food for barbecues (22.115J).

- New test for appliances provided with thermostatically controlled appliance plugs (22.115K).

- New requirements for terminal box supply leads (25.3DV).

- New requirements for conduit openings in sheet metal enclosures (25.4).

- Revision to requirements for supply cord ratings and types (25.7).

- New requirement for ampacity of cord sets that have a thermostatic control (25.8DV.2.1).

- New requirement for supply cord lengths (25.8DV.2.1).

- New supply cord flexing test (25.14).

- New requirements for location of terminal boxes or wiring compartments (26.1A).

- Minimum spacings and insulation thicknesses for class 0 appliances are established (29).

- Clarification that hotplates that incorporate a timer are considered unattended for the purpose of applying requirements for resistance to fire (30.2).

- New requirement for programmable electronic circuits that detection of fault/error occur and that software and hardware be initialized and terminate before compliance with Clause 19 and 22.115 is impaired (Annex R).
ATTACHMENT 2

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/CSAC22.2 No. 60335-1-11, which was announced December 5, 2012 in CSA Informs Ref No: I12-107, Appliances No. 21.

CAN/CSA-C22.2 No. 60335-2-9:14 is an adoption with Canadian deviations of the identically titled IEC 60335-2-9 edition 6.1 (edition 6:2008 consolidated with amendment 1:2012). It supersedes the previous edition published in 2013 as CAN/CSA-E60335-2-9, which was an adoption of IEC 60335-2-9:2008 (edition 6). It also replaces CAN/CSA-C22.2 No. 1335.2-9-93, Portable electrical motor-operated and heating appliances: Particular requirements for portable electric cooking appliances and part of the scope of CSA C22.2 No. 64, Household cooking and liquid-heating appliances. All products within the scope of CAN/CSA-C22.2 No. 60335-2-9:14 are considered to no longer be within the scope of CSA C22.2 No. 64.