Appliances No. 46  Effective Date: June 1, 2017
Date: February 24, 2015  Apply Before January 1, 2016

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 appliances for heating liquids, such as coffee makers, cooking pans, egg boilers, feeding-bottle heaters, kettles and other appliances for boiling water, having a rated capacity not exceeding 10 l, milk heaters, pressure cookers having a rated cooking pressure not exceeding 140 kPa and a rated capacity not exceeding 10 l, rice cookers, slow cookers, steam cookers, soy milk makers, tea makers, wash boilers and yoghurt makers.

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 January 1, 2016 in order to guarantee the update to your certification is completed by June 1, 2017. If testing is needed, we will inform you of the samples required.

Approvals:
Appliances for heating liquids currently Certified to CSA C22.2 No. 64, CSA C22.2 No. 1335.2.15 or a previous edition of the subject standard (E335-2-15 or E60335-2-15) are required to comply with the requirements of CAN/CSA-C22.2 No. 60335-2-15:14 prior to the effective date.

Major Revisions:
See Attachment 1.

Background and Rationale:
See Attachment 2.

For questions specific to your file or products contact your CSA Group technical staff associate.
Go to http://www.csa-group.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.

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.
ATTACHMENT 1

Major Revisions

The following list describes the technical changes between CAN/CSA-E60335-2-15:05 and CAN/CSA-C22.2 No. 60335-2-15:14. Editorial changes to the standard are not included.

Edition of the Part 1

- This edition of CAN/CSA-C22.2 No. 60335-2-15 is used in conjunction with CAN/CSA-C22.2 No. 60335-1-11. The previous edition, CAN/CSA-E60335-2-15:05, was used in conjunction with CAN/CSA-E60335-1/4E:03.

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).


- Clarification is added that the standard does not apply to humidifiers (1).

- 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).

- New limitation to the maximum input rating (7.1).

- Clarification that kettles that comply with the test of 15.2 when completely filled need not have a level mark (7.1).

- Revisions to required user instructions for various product types (7.12).

- Revision to fuse rating marking requirements (7.16).

- Additional marking requirements for cleaning, stability brackets, appliances with a non-continuous load (duty cycle), stock waterers that rely on installation to provide the bottom of the enclosure and belt-type fermentation heaters (7.16A to 7.16E).

- The duration of the temperature test for espresso coffee-makers now is dependent on whether it is an automatic espresso maker or a manual espresso coffee-maker (11.7.104).

- For coffee makers with removable coffee pots, the overfill test is conducted without the pot in place. The test is also modified for steam sterilizers (15.2).

- The moisture resistance test for the stands of cordless kettles is now applied to the stands of all cordless appliances and a specific funnel and procedure is used for pouring the solution (15.102, Figure 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 (15.103A).

- Additional tests for resistance to moisture for appliances with joints or openings and for slow cookers (15.103B, 15.103C).

- Changes to procedure and criteria for the devices that are rendered inoperative during abnormal operation testing (19.4, 19.13).

- 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).

- Other types of cordless appliances are added to the cycling test for appliances couplers of these appliances (22.103).

- New limit on the pressure within pressure cookers (22.109).

- New requirement that espresso coffee-makers that incorporate a pressurized reservoir be constructed so that there is no spillage of water or sudden jets of steam or hot water likely to expose the user to a hazard (22.111).

- New requirement that appliances with moving parts not allow lubricants to enter food compartments (22.113).

- New requirement that food or liquids not enter places that could cause electrical or mechanical faults (22.114).

- New limitations for locations of enclosure openings (22.114A).

- Restriction on use of aluminum-sheathed elements (22.114B).

- New thermal endurance test for appliances with rope heater elements (22.114C).

- New requirements for location of overcurrent devices (22.114D).

- New requirements for location of fuseholders and shock hazard associated with them (22.114E).

- New drop test for kettles (22.114F).

- New conditioning test for belt-type fermentation heaters (22.114G).

- 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 supply cord lengths (25.8DV.1).
- New supply cord flexing test (25.14).
- New supply cord inlet disconnection test for oil fondue appliances (25.101A).
- 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 appliances incorporating a delayed start timer are considered unattended appliances (30.2).

**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/CSA C22.2 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. 60335-2-15:14 is an adoption with Canadian deviations of the identically titled IEC 60335-2-15 edition 6:2012. It supersedes the previous edition published in 2005 as CAN/CSA-E60335-2-15, which was an adoption of IEC 60335-2-9:2003 (edition 5). It also replaces CAN/CSA-C22.2 No. 1335.2.15-93, *Portable electrical motor-operated and heating appliances: Particular requirements for liquid-heating 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. 60335-2-15:14 are considered to no longer be within the scope of CSA C22.2 No. 64.