Appliances No. 33

Effective Date: June 1, 2017

Apply Before September 1, 2016


Class No: 1612 51, CLEANING MACHINES - Washing - Machines - Household and Commercial

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Who is affected?
Manufacturers of washing machines.

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 September 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 currently Certified to a previous edition of the subject standard (E335-2-7 or E60335-2-7) are required to comply with the requirements of CAN/CSA-E60335-2-7:13 prior to the effective date. Appliances currently Certified to C22.2 No. 53 or C22.2 No. 169 are not affected by this Notice.

Major Revisions:
See attachment 1

Background and Rationale:
CSA Standards in the 60335-series consist of one "Part 1" (60335-1) and several Part 2 Standards (E60335-2-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.


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.

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ATTACHMENT 1

Major Revisions

The following list describes the technical changes between CAN/CSA-E60335-2-7:01 and CAN/CSA-E60335-2-7:13. Editorial changes to the standard are not included.

Edition of the Part 1

- This edition of CAN/CSA-E60335-2-7 is used in conjunction with CAN/CSA-C22.2 No. 60335-1-11. The previous edition, CAN/CSA-E60335-2-7:01, was used in conjunction with CAN/CSA-E335-1/3E-94.

Technical Changes in this Part 2

- Scope now includes washing machines that use an electrolyte instead of detergent.

- Canadian deviations are added, but the only technical changes made by them undo changes added in the 1st amendment to the 7th edition of the IEC standard.

- New requirements and testing for appliances without heating elements intended for connection to the cold water supply only (3.1.9, 19.102).

- Requirements for washing machines with power driven wringers have been moved from the body of the standard to new Annex DD.

- Installation instructions no longer require stating the minimum and maximum inlet water pressures (7.12.1).

- Removed the requirement to mark the lightning bolt symbol on the enclosure of magnetic valves and similar components incorporated in external hoses for direct connection to the water mains (7.101).

- Minor change to the sequence when testing washing machines having a single drum for washing, water extraction and drying when the instructions only allow a part of the washed cloth to be dried in the drum (11.7).

- Removed the requirement for IPX7 for magnetic valves and similar components incorporated in external hoses for connection to the water mains (15.1).

- The acid rinsing agent used for the spillage test in the 5th edition of IEC 60335-2-7 was as specified in Annex AA of IEC 60335-2-5 (undated reference). The current edition at that time was IEC 60335-2-5 Ed + AM1:1999 + AM2:1999. IEC 60335-2-7 now lists the rinsing agent directly in its own annex, which is different than what was in IEC 60335-2-5 at that time. So, the rinsing agent has changed. (15.2)

- The spillage test is now applicable to all washing machines (15.2).

- Change to the test procedure for checking if foaming of detergent affects electrical insulation (15.101).

- Endurance tests are added for lid and door interlocks and for the braking mechanism of appliances having a lid that can be opened during the water extraction period (18.101, 18.102).

- The running overload test in the Part 1, which was previously made not applicable by CAN/CSA-E60335-2-7:01, is now made applicable to appliances that have overload protective devices incorporating electronic circuits to protect the windings of the drum motor (19.9).
- Changes to interlocking requirements and tests for drum-type washing machines that are loaded from the top or front (previously 20.102, now 20.103).

- Additional requirements and tests added to address the hazards associated with opening the lid or door while the drum spins with high kinetic energy (20.104 and 20.105).

- New test added to address hazards resulting from unbalanced loads (20.102).


- New requirement to address the opening of a door when the water level is above the door’s lower edge (22.101).

- Change to the requirements for the opening of filter compartments where hot water could be expelled (22.103).

- New test for ensuring that doors required to be prevented from opening for the tests in clause 20 continue to prevent the opening throughout their lifecycle (22.104).

- New requirements for accessibility of mechanical release mechanisms (22.105).

- The number of cycles for evaluation of door interlocks to IEC 60730-2-12 is specified (24.1.4).

- New Annex BB is added to demonstrate that parts will not leak and are therefore not considered sources of leaks for the purpose of clause 22.6.