



**Summary of Substantive Changes
between the 2010 edition and Update No. 1, dated June 2013, of
CSA C22.2 No. 64 “Household Cooking and Liquid-Heating Appliances”**

Presented to the IAPMO Standards Review Committee on September 09, 2013

General: The changes to this standard should not have an impact on currently listed products. The changes are:

- The scope of the standard was expanded to cover steam mops

Section 5, Construction: Added requirements for the construction of steam mops as follows:

Section 5.4, Mechanical assembly:

[5.4.6](#)

[A handle used on a steam mop shall withstand a force of four times the empty weight of the steam mop without damage to the handle, its securing means, or that portion of the enclosure to which the handle is attached.](#)

Section 5.6.3, Cord-connected appliances — Power supply cords, cord sets, and appliance terminal pins:

[5.6.3.7](#)

[Steam mops shall be provided with an attached flexible power supply cord not less than 1.82 m \(6 ft\) as measured from the face of the attachment plug cap to the point at which the cord enters the appliance.](#)

Section 5.6.5, Flexing:

[5.6.5.1](#)

[The power supply cord or cord set of cord-connected appliances shall withstand a flexing test as specified in Clause 7.6 without causing exposure or breakage of the conductors or displacement or breakage of the anti-kink device.](#)

[5.6.5.2](#)

[Wiring routed between the handle and the base of a steam mop that can be subjected to the flexing or movement during normal operation of the appliance shall comply with the wire flexing requirements in Clause 7.7.4.](#)

Section 7, Tests: Added testing requirements for steam mops as follows:

Section 7.6, Flexing (power supply cords and cord sets) and detachment:

[7.6.1](#)

[The power supply cord or cord set in a cord-connected appliance....](#)

[The power supply cord shall not be energized for all appliances, except steam mops. For steam mops, the power supply cord conductors shall be loaded to the rated current and voltage of the appliance. Current shall not be passed through the grounding conductor, which shall be connected to ground.](#)

[At the conclusion of the test....](#)



Section 7.7, Flexing (internal wiring)

7.7.4.1

With reference to Clause 5.6.5.2, steam mops shall be subjected to the test specified in Clause 7.7.4.2. As a result of the test, there shall be no electrical failure or mechanical failure that would render the appliance electrically hazardous, and after the flexing test the appliance shall comply with the dielectric strength test specified in Clause 7.5.

7.7.4.2

A cycle of flexing shall start with the handle of the steam mop in the vertical position. The appliance handle shall be rotated to 78.7 cm (31 in) from the floor or rotated to its maximum extent, whichever is greater. The voltage of the supply circuit and the temperature conditions shall be the same as used for the normal temperature test. The appliance shall be cycled for 6000 cycles. The rate of flexing shall be 6 to 10 cycles per minute, except a faster rate of flexing may be employed, if agreeable to those concerned.

7.28 Strength of handles:

With reference to Clause 5.4.6, the weight of the appliance plus a force of three times its weight shall be used. The load shall be uniformly applied over a 76.2 mm (3 in) width at the centre of the handle without clamping. The load shall be started at zero and gradually increased so that the test value is reached in 5 to 10 s and shall be maintained for 1 min.

Table 5, Number of cycles of flexing for appliances with permanently attached power supply cords and cord sets: Added a row to include (20,000) the number of cycles needed for the flexing and detachment test for steam mop cords.