Summary of Substantive Changes
between the 2009 edition including Updates No. 1 and No. 2, dated February 2010 and September 2010
and the 2009 edition including Update No. 3 dated November 2015
of
CSA C22.2 No. 68 “Motor-operated appliances (household and commercial)”

Presented to the IAPMO Standards Review Committee on December 7, 2014

General: The changes to this standard may have an impact on currently listed products. The substantive changes are:

- Added additional requirements for the leakage current for grounded stationary treadmills containing EMC filters, revised the requirements for the meter used to measure the leakage current (see Section 6.9).
- Added a new figure for the leakage current measuring network (see Figure 8).

6.9 Leakage current: Added additional requirements for the leakage current for grounded stationary treadmills containing EMC filters and revised the requirements for the meter as follows:

6.9.1A Leakage current for grounded stationary treadmills containing EMC filter

The leakage current for a grounded stationary treadmill which contains an EMC suppression filter shall not exceed 3.5 mA.

6.9.2 Meter

The meter shall be

(a) electronic or of a direct-indicating type;
(b) average responding;
(c) calibrated at 60 Hz; and
(d) indicating the rms value of a pure sine wave, with an accuracy of 5% at an indication of 0.5 mA. The meter shall have a terminal impedance of 1500 shunted by a 0.15 μF capacitor.

as shown in Figure 8. The leakage current shall be measured by means of the circuit described in Figure 8 between any pole of the supply and accessible metal parts connected to metal foil having an area not exceeding 20 cm x 10 cm which is in contact with accessible surfaces of insulating materials. The voltmeter shown in Figure 8 shall be capable of measuring the true r.m.s. value of the voltage.

The following figure was added:

Figure 8, Measuring network, touch current weighted for perception or reaction