



**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  $\mu$ F 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](#)