

## STANDARD INFORMATION

**Standard:** CSA C22.2 No. 60335-2-52

**Standard ID:** Household and Similar Electrical Appliances - Safety - Part 2-52: Particular Requirements for Oral Hygiene Appliances [CSA C22.2#60335-2-52:2014 Ed.1+A2]

**Previous Standard ID:** Household and Similar Electrical Appliances - Safety - Part 2-52: Particular Requirements for Oral Hygiene Appliances [CSA C22.2#60335-2-52:2014 Ed.1]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **June 1, 2023**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Amendment 2 to CSA C22.2 No. 60335-2-52:14 is used in conjunction with CSA C22.2 No. 60335-1:16. The previous revision was used in conjunction with CSA C22.2 No. 60335-1-11.

**Overview of Changes:** New surface temperature requirements. Specific details of new/revised requirements are found in table below.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



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CLAUSE	VERDICT	COMMENT										
11	Info	<b>Heating</b>										
		<b><i>New clause added;</i></b>										
11.3		<p>Where the external accessible surfaces are suitably flat and access permits, then the test probe of Figure 101 is used to measure the temperature rises of external accessible surfaces specified in Table 101. The probe is applied with a force of <math>4\text{ N} \pm 1\text{ N}</math> to the surface in such a way that the best possible contact between the probe and the surface is ensured. The measurement is performed after a contact period of 30 s.</p> <p>The probe may be held in place using a laboratory stand clamp or similar device. Any measuring instrument giving the same results as the probe may be used.</p>										
		<b><i>New clause added;</i></b>										
11.8		<p>During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 of the Part 1 and in Table 101.</p>										
		<b><i>New table added;</i></b>										
		<p style="text-align: center;"><b>Maximum temperature rises of external accessible surfaces under normal operating conditions</b></p>										
Table 101		<table border="1"><thead><tr><th>Surface</th><th>Temperature rise of external accessible surfaces K</th></tr></thead><tbody><tr><td>Bare metal</td><td>38</td></tr><tr><td>Coated metal <sup>a</sup></td><td>42</td></tr><tr><td>Glass and ceramic</td><td>51</td></tr><tr><td>Plastic and plastic coating &gt; 0,4 mm <sup>b, c</sup></td><td>58</td></tr></tbody></table> <p><sup>a</sup> Metal is considered coated when a coating having a minimum thickness of 90 <math>\mu\text{m}</math> made by enamel or non-substantially plastic coating is used.</p> <p><sup>b</sup> The temperature rise limit of plastic also applies for plastic material having a metal finish of thickness less than 0,1 mm.</p> <p><sup>c</sup> When the thickness of the plastic coating does not exceed 0,4 mm, the temperature rise limits of the coated metal or of glass and ceramic material apply.</p>	Surface	Temperature rise of external accessible surfaces K	Bare metal	38	Coated metal <sup>a</sup>	42	Glass and ceramic	51	Plastic and plastic coating > 0,4 mm <sup>b, c</sup>	58
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