

STANDARD INFORMATION

Standard Number: CSA C22.2 No. 61
Standard Name: Household Cooking Ranges
Standard Edition and Issue Date: 9th Edition Dated May 1, 2016
Date of Revision: May 1, 2016 and Gen Ins 1: October 1, 2017
Date of Previous Revision of Standard: 8th Edition Dated January 1, 2012

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **April 15, 2019**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

Overview of Changes: Added requiring a cooking oil ignition test be conducted on appliances employing a coil surface element. These changes include the addition of the test in the May 1, 2016 revision, and revisions to the test in the October 1, 2017 revision. Specific details of new/revised requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – Manufacturers must make an application no later than **January 15, 2019** in order to guarantee that the evaluation of their equipment is completed by **April 15, 2019**.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
7	Info	Tests
		<i>New clause added;</i>
7.24		Coil surface element cooking oil ignition test
7.24.1		Each coil surface element provided as part of an appliance shall comply with Clause 7.24.3 or 7.24.9 if it has a nominal rating of 350 W or greater.
7.24.2		When an appliance is equipped with multiple coil surface elements of identical construction (including control system) and wattage, only one of those elements need to be subjected to this test. When applicable, the subjected element should be that nearest the front of the appliance.
7.24.3		In reference to Clause 7.24.1, a coil surface element shall not cause ignition of cooking oil when tested as described in Clauses 7.24.4 to 7.24.8.
7.24.4		The cast iron pan specified in Figure 22 shall be placed on the centre of the coil surface element. For purposes of selecting pan size, the surface element size shall be determined by the maximum heated diameter as shown in Figure 23. Note: A detailed specification for the reference pans can be found in AHAM ER-1 clause 5.7.5.
7.24.5		An amount of canola oil as shown in Table 8 shall be added to the pan. Note: This will result in an approximate oil depth of 3.175 mm (0.125 in).
7.24.6		The surface element shall be turned on to its maximum heat setting and allowed to operate for 30 min or until the cooking oil ignites, whichever comes first. Based on analysis of the control system, if other heat settings have the potential to provide more heat than the maximum setting, the test shall be repeated at those settings.
7.24.7		If a coil surface element is equipped with user-selectable multiple heating zone configurations, each zone configuration shall be tested separately.
7.24.8		The test room shall be of sufficient volume or vented so that the appliance area remains reasonably clear of smoke. Room ventilation and airflow from heating or air conditioning shall not move air currents across the test pan, which can affect test results.



7.24.9

In reference to Clause 7.24.1, when testing the temperature of the pan referenced in Figure 22 without oil, the surface unit shall be turned on to its maximum heat setting or, based on analysis of the control system, another heat setting that will create a higher pan temperature, and allowed to operate for 30 min. The pan temperature shall be measured using 5 thermocouples spot welded to the inside bottom cooking surface of the pan in the locations as shown in Figure 24. The average of the 5 temperatures shall not exceed 385°C (725°F).

Test pan oil amounts

Table 8

Surface element size	Amount of oil, g
≤ 178 mm (7 in)	58
> 178 mm (7 in)	106

CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.