

Standard Information

Standard Number: UL 1083

Standard Name: Household Electric Skillets and Frying-Type Appliances

Standard Edition and Issue Date: 6th Edition Dated January 9, 2009

Date of Revision: July 15, 2016

Date of Previous Revision of Standard: 6th Edition Revised May 29, 2014

Effective Date of New/Revised Requirements

Effective Date: April 4, 2018

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: This revision to UL 1083 is being issued to: add reference to UL 4200A in new 24.10; revise 46.2.5 to clarify dimensions and materials 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 – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

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 – *Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.*

Description of New/Revised Technical Requirements

Clause	Verdict	Comment
24		Protection Against Personal Injury
24.10		<i>New clause added;</i> The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more replaceable coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory is intended for use with one or more single cell batteries having a diameter of 1.25 in (32 mm) maximum with a diameter greater than its height.
46	Info	Abnormal Operation Test
46.2	Info	Specific test conditions
46.2.5	Info	<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i> An appliance with a <u>horizontal cooking surface of glass or ceramic surface</u> shall withstand without cracking or breaking the impact of a utensil loaded with shot to a mass with a total weight of 4 lb (1.81 kg) and dropped from a height of 6 inches (152 mm), so that it strikes the surface as flatly as possible. <u>The utensil is to have a flat bottom of copper or aluminum, and is to have a diameter of 4-1/4 to 5-1/8 in (108 to 130 mm) with a corner radius of 3/8 in (9.5 mm).</u> The size and shape of the utensil shall be as appropriate as possible for the particular appliance, and <u>A total of ten drops of the utensil shall be made, and the impacts are to be equally distributed over the surface. The test is to be conducted with the surface at room temperature.</u> <u>Exception: Breakage or cracking of the surfaces as a result of the test is acceptable if the leakage current, when measured as described in 55.2.3.3 and 55.2.3.4, does not exceed the limits described in 55.1.9, and acceptable results are obtained following a repeated Dielectric Voltage-Withstand Test as described in Section 33.</u>
		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.