

Standard Information

Standard Number: UL 1082

Standard Name: Household Electric Coffee Makers and Brewing-Type Appliances

Standard Edition and Issue Date: 6th Edition Dated March 17, 2009

Date of Revision: March 24, 2017

Date of Previous Revision of Standard: 6th Edition Revised September 29, 2016

Effective Date of New/Revised Requirements

Effective Date: **October 20, 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: The revisions to UL 1082 are being issued to add the Carafe Handle Security Test. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
9	Info	Handles
9.2		<i>New section added;</i> Handle assembly
9.2.1		A handle assembly for a percolator, kettle, carafe, or other vessel used to lift, tilt, and hold a beverage shall be subjected to the requirements of Dynamic load, 41.7. This test is not to be applied to a percolator, kettle, carafe, or other hot liquid container vessel in which the handle and vessel (or vessel outer enclosure) are molded of one continuous material.
33	Info	Normal Temperature Tests
33.1.26		<i>New clause added;</i> For a vessel with a handle utilized to lift and tilt the vessel, the temperature of the liquid in the vessel shall be measured approximately 1 inch (25.4 mm) above the bottom of the vessel, near the center. See 41.7.2.
41	Info	Handle Securement Tests
41.1.2		<i>New clause added;</i> A handle shall not break, loosen, crack, or be rendered incapable of supporting the vessel, or expose live parts as a result of the tests in 41.7.1, and 41.7.2. Three previously untested samples shall be subjected to the test.
41.7		<i>New section added;</i> Dynamic load
41.7.1		Each vessel is to be loaded with water and a weight (such as ball shot) distributed evenly across the bottom of the vessel. The load shall be equivalent to two times the weight of the maximum intended capacity of water. The lid is to be in place, but is not to be included when calculating the test weight. The water level shall be between 0.25 inch (6.35 mm) and 1 inch (25.4 mm) from the vessel rim. If the water level is reduced due to splashing or evaporation, the vessel shall be refilled to the original level.
41.7.2		The water shall be heated and maintained at the maximum liquid temperature recorded during the normal temperature test, $\pm 4^{\circ}\text{F}$ ($\pm 2^{\circ}\text{C}$), or 194°F (90°C), whichever is lower. See 33.1.26. If an additional heater is used to heat the water, and is supported by the handle, the heater weight should be included as part of the test weight.

Clause	Verdict	Comment
41.7.3		The weighted vessel is to be mounted to a test fixture such that the handle is held over a 2- to 4-inch (51- to 102-mm) wide gripping area and held such that the bottom of the vessel is horizontal. Due to limitations of handle design, a smaller width gripping area may be used. The test fixture shall provide a dynamic load upon the handle by lifting the vessel for a total of 10,000 cycles. Each cycle shall consist of lifting the vessel with weight, to a height of 0.50 inches (12.7 mm) in no more than 0.75 seconds of time, holding the vessel at this height for at least 3 seconds, and then returning to the original position.
SUPPLEMENT SA	Info	HOUSEHOLD ELECTRIC DRIP-TYPE COFFEE MAKERS AND SIMILAR DRIP-TYPE BREWING APPLIANCES
SA15.11	Info	<i>New clause added;</i> To determine compliance with 41.7, liquid temperatures are to be measured as described in 33.1.26.
		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.