

Standard Information

Standard Number: UL 982

Standard Name: Motor-Operated Household Food Preparing Machines

Standard Edition and Issue Date: 7th Edition Dated June 10, 2015

Date of Revision: November 30, 2016

Date of Previous Revision of Standard: 7th Edition Dated June 24, 2015

Effective Date of New/Revised Requirements

Effective Date: **November 30, 2021**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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:

- **Blender with Capacitive Touch Screen Control.**
- **Addition of Blender Blade Endurance Test**
- **Button or Coin Cell Batteries of Lithium Technologies – Proposal to Reference UL 4200A**
- **Fill Line for Food Processors with Feed Opening and without Discharge Opening**
- **Wand Mixer Unintentional Operation**
- **Cautionary Marking Legibility and Visibility**
- **Authorized Service Centers**

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
6.5.2.2.1, 7.3.1, 28.4.14– 28.4.18, 61.5.1.4, 69.25.1, 73.2.2, 73.32.1		<p>New requirements added for Blenders with Capacitive Touch Screen Controls</p> <p>These new/revised clauses include new construction requirements, testing, markings, and instructions for Blenders with Capacitive Touch Screen Controls (see standard for section details).</p>
22.5, 43A		<p><i>New clauses added</i></p> <p>Addition of Blender Blade Endurance Test</p> <p>Blenders must now be subjected to the Blade Endurance Test (see standard for section details).</p>
27A		<p><i>New section added;</i></p> <p>Button or Coin Cell Batteries of Lithium Technologies</p>
27A.1		<p>To reduce the risk of injury due to battery ingestion, 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 inch (32 mm) or less with a diameter greater than its height.</p>
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28.5.6		<p>The rated capacity shall be marked on the bowl of food processors with a feed opening where the processed food is collected in the bowl under the slicing or shredding blade. See 73.19.1(g).</p>

Clause	Verdict	Comment
73.19.1 (g)		<p>The following shall be included in the Instruction Manual for food processors in addition to any other safety instructions required by the standard:</p> <p>g) "Do not fill the bowl above the marked maximum fill line (or rated capacity) to avoid risk of injury due to damage to the cover or bowl." (See 28.5.6)</p>
28.11.1.1		<p><i>New clause added;</i></p> <p>A switch is considered to comply with 28.1.1(a) if applying a cylindrical rod with a 1.58 inch (40 mm) diameter and a hemispherical end to the switch actuator with a force not exceeding 1.1 lbf (5 N) does not result in operation of the appliance.</p> <p><i>For units where the distinct motion is not obvious as a distinct motion from grasping the handle this evaluation will need to be performed.</i></p>
Section 69		<p>Section 69 was substantially revised to clarify the legibility and visibility (via specifying the location) of cautionary markings. Many requirements were relocated from clauses in section 69 to the newly added table 69.1. The following is a list of newly added marking requirements which were not previously in the standard;</p> <ul style="list-style-type: none"> • Placement/location of these markings needs to consider (69.1.6) • Molded-in marking depth/height (69.1.6.1) • New markings must be verified for: <ul style="list-style-type: none"> ○ Cone-type vegetable shredders – Do not immerse (69.9.1) ○ Blender - Closed top containers – Do not blend hot liquids (69.3.4) ○ Baby food chopper – Do not open until blades stop (69.12) • Marking locations must be verified for: <ul style="list-style-type: none"> ○ Mixer – visible with and without bowl/stand (69.2.2, 69.2.3) ○ Blender – visible with and without jar collar (69.3.3)
69.26		<p><i>New section added;</i></p> <p>Appliances with a jar grasping function</p>
69.26.1		<p>A marking shall be provided on an appliance provided with a grasping function to open jars, which is not obvious to the user, identifying the function to the user.</p> <p>Exception: A marking is not required if there is no risk of a cut-type injury.</p>

Clause	Verdict	Comment
72.1 (f)		<p>New sub-clause added;</p> <p>The following shall be included in the Instruction Manual for all appliances:</p> <p>IMPORTANT SAFEGUARDS</p> <p>When using electrical appliances, basic safety precautions should always be followed including the following:</p> <p>f) Portable – Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment. Contact the manufacturer at their customer service telephone number for information on examination, repair, or adjustment. (Domestic customer service telephone number must be stated in the instruction manual, literature contained within the product’s packaging or permanently marked on the appliance).</p> <p>Exception No. 1: If the manufacturer elects, a customer service email address or a website with a contact form may be used instead of a domestic customer service telephone number. The email or website address must be stated in the instruction manual, literature contained within the product’s packaging, or permanently marked on the appliance.</p> <p>Exception No. 2: f the manufacturer has authorized service facilities, instruction to return the appliance to the nearest authorized service facility may be used instead of instructing the user to contact the manufacturer at the customer service phone number.</p>
		<p>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.</p>