

STANDARD INFORMATION

Standard: UL 1026

Standard ID: Household Electric Cooking and Food Serving Appliances [UL 1026:2012 Ed.6+R:19Mar2021]

Previous Standard ID: Household Electric Cooking and Food Serving Appliances [UL 1026:2012 Ed.6+R:02Feb2021]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **March 19, 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.

Overview of Changes: This revision addresses touch control. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
22	Info	Switches
		<i>New clause added;</i>
		A cord-connected automatic toaster with touch control, or an appliance with touch control where unintentional operation of moving parts that results in injury, shall be constructed to reduce the risk of unintentional operation. The touch control shall comply with all of the following requirements:
22.19		a) At least two manual operations to start operation of appliance. Touching the contact surface of the switch control at the same point twice is not considered to be two operations; b) A plainly identified one-step STOP function readily visible during operation and distinguish from other functions; c) A flashing light (or other visual indicator) to indicate when the touch screen is in a condition where a single touch is needed to initiate operation of the appliance (after Step 1); d) A time-out function on the first step of no longer than 30 seconds; e) Provided with a flashing light and instructions as specified in 71.6 when a single touch is needed to initiate operation of the appliance; and f) Glass Window or Door Impact Test, Section 50 followed by Dielectric Voltage Withstand Test, Section 44 between live parts and accessible touch screen surfaces closely wrapped in metal foil.
		<i>New clause added;</i>
22.20		With respect to 22.19, after the operation of the appliance is manually stopped, or after automatically stopping at the completion of a programmed sequence, the appliance shall return to a condition requiring a two-step function to initiate operation.
		<i>New clause added;</i>
		A touch control on an appliance as specified in 22.19 (a), shall additionally be subjected to the following without loss of the two-step ON function:
22.21		a) Component Failure Test, 55.2.10, b) Electrostatic Discharges in accordance with Electromagnetic compatibility (EMC) – Part 4-2: Testing and Measurement Techniques – Electrostatic Discharge Immunity Test, IEC 61000-4-2, test level 4 being applicable. Ten discharges having a positive polarity and ten discharges having a negative polarity are applied at each preselected point, and c) Radiated Emission in accordance with Electromagnetic compatibility (EMC) – Part 4-3: Testing and Measurement Techniques – Radiated, radio-frequency,



CLAUSE	VERDICT	COMMENT
		electromagnetic field immunity test, IEC 61000-4-3. The frequency ranges tested shall be: 1) 80 MHz to 1000 MHz, test level 3; 2) 1.4 GHz to 2.0 GHz, test level 3; 3) 2,0 GHz to 2,7 GHz, test level 2.
71	Info	Specific Appliances
71.6	Info	Toasters
		<i>New clause added;</i>
71.6.1		For an automatic toaster with touch control as specified in 22.19, the important safeguards shall provide the following instructions: Flashing light (or other visual indicator) indicates ready to operate. Avoid any contact with live parts
		<i>New clause added;</i>
71.14		Appliances with touch control involving moving parts specified in 22.19. For an appliance with touch control where unintentional operation of moving parts that results in injury as specified in 22.19, the important safeguards shall provide the following instructions: Flashing light (or other visual indicator) indicates ready to operate. Avoid any contact with moving parts.