

STANDARD INFORMATION

Standard Number: UL 962

Standard Name: Household and Commercial Furnishings

Standard Edition and Issue Date: 4th Edition Dated November 7, 2014

Date of Revision: July 7, 2017

Date of Previous Revision of Standard: 4th Edition Dated January 13, 2016

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 17, 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: Addition of Manufacturing and Production Line Tests, Section 65A, 65B and 65C. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
--	--	<i>Category Added</i>
MANUFACTURING AND PRODUCTION LINE TESTS		
65A		<i>Section Added</i>
		Grounding-Continuity Test
65A.1		Each cord-connected furnishing shall be tested, as a routine production-line test, to determine that grounding continuity exists between the grounding pin of the attachment plug and the electrical enclosure or other dead metal parts. When the electrical enclosure is complete, the electrical enclosure is not required to be attached to a furnishing.
65A.2		Any appropriate indicating device – an ohmmeter, battery- and buzzer-combination, or similar equipment – is able to be used to determine compliance with 65A.1.
65B		<i>Section Added</i>
		Polarity
65B.1		Each furnishing provided with a cord and plug shall be checked as a routine production-line test to verify that there is electrical continuity between the grounded supply-circuit conductor of the attachment plug – wide blade of a 2-wire type – and the part of the product that is intended to be connected to the grounded supply-circuit conductor of the attachment plug (for example, screw shell of an incandescent lampholder). The continuity shall be determined either visually or through the use of an electrical test. Equivalently, continuity is able to be verified between the ungrounded supply-circuit conductor of the attachment plug and the part of the product that is intended to be connected to the ungrounded conductor (for example, the center contact of an incandescent lampholder).
		<i>Exception: Furnishings where the polarity of the wire will not affect the safety of the product do not need to be subjected to the Polarity Test.</i>
65C		<i>Section Added</i>
		Dielectric Voltage-Withstand Test



CLAUSE	VERDICT	COMMENT
		Each furnishing shall withstand without electrical breakdown, as a routine production-line test, the application of a 40 – 70 hertz potential as described in Table 65C.1 between:
65C.1		<p>a) The supply wiring and dead metal parts that may become energized;</p> <p>b) Supply wiring of opposite polarity when separate grounded supply conductors are employed; and</p> <p>c) The ungrounded supply conductors of opposite polarity when the same grounded supply conductor is employed for both circuits.</p>
Table 65C.1		<p>Dielectric Voltage-Withstand Test Levels</p> <p>See standard for values.</p>
65C.2		<p>The test is to be conducted with the furnishing fully assembled. It is not intended that the product be unwired, modified, or disassembled for the test.</p> <p><i>Exception: A furnishing employing solid-state components (such as load connected, across-the-line components or transient voltage surge suppressors) that are able to sustain damage from the dielectric potential are able to be tested before the components are electrically connected or a DC voltage may be used.</i></p>
65C.3		The test equipment is to include a transformer having a sinusoidal output, a means of indicating the test potential, an audible or visual indicator of electrical breakdown, and either a manually reset device to restore the equipment after electrical breakdown or an automatic feature to reject any product that does not meet the requirement.
65C.4		When the output of the test-equipment transformer is less than 500 volt-amperes, the equipment is to include the voltmeter in the output circuit to directly indicate the test potential.
65C.5		When the output of the test-equipment transformer is 500 volt-amperes or more, the test potential is able to be indicated by a voltmeter in the primary circuit or in a tertiary-winding circuit, a selector switch marked to indicate the test potential, or in the case of equipment having a single test-potential output, a marking shall be visible while the equipment is in use to indicate the test potential. When marking is used without an indicating voltmeter, the equipment shall include a positive means, such as an indicator lamp, to indicate that the manually reset switch has been reset following a dielectric breakdown.
65C.6		Test equipment other than that specified in 65C.3 – 65C.5 is able to be used when it is determined to accomplish the intended factory control.
--	--	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.