

UNDERWRITERS LABORATORIES INC. CERTIFICATION REQUIREMENT DECISION

This Certification Requirement Decision is prepared by UL LLC. It is normative for the applicable UL Product Certification Program(s); however, it is currently not part of the UL Standard(s) referenced below.

Product Category (CCN): IPST

Standard Number: UL 763

Standard Title: Standard for Motor-Operated Commercial Food Preparing Machines

Edition Date: February 28, 2018

Edition Number: 5

Section / Paragraph Reference: 16.1.3, 63.4.8

Subject: Intentionally Ungrounded Parts

DECISION:

16.1.3 If a provision for grounding is provided, it shall be in accordance with 16.1.4, and if the machine is cord connected shall comply with the requirements in 16.1.5. All exposed dead metal parts and all dead metal parts within the enclosure that are exposed to contact during any user servicing operation, and are likely to become energized, shall be reliably connected to the means for grounding.

Exception: A dead-metal part within the enclosure where it is not exposed during user servicing need not be grounded, provided the appliance is marked in accordance with 63.4.8.

63.4.8 When an appliance employs a dead metal part that is not grounded as provided in Exception to 16.1.3, the appliance shall be permanently marked with the word "WARNING" and the following or the equivalent: "Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service Personnel - Do not contact the following parts while the appliance is energized: (list of ungrounded parts)." The marking shall be located on the outside of the appliance where readily visible before any servicing operation, and at each approach to an ungrounded part where readily visible before or when the part becomes accessible.

Exception: If all approaches to all ungrounded parts can be adequately covered by one marking, only one marking, visible from the outside of the appliance and at the approach to the ungrounded parts, need be employed.

RATIONALE FOR DECISION:

This Certification Requirement Decision is intended to provide an exception to the grounding requirement to allow intentionally ungrounded internal dead-metal parts.

These requirements are identical to the requirements in UL 197 – Commercial Electric Cooking Appliances, clauses 18.8 and 88.15.

This Certification Requirement Decision is intended to reflect present practice in the application of these requirements.

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