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PUBLICLY AVAILABLE SPECIFICATION

PRE-STANDARD

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –
Part 2-15: Particular requirements for household food waste disposers

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – TEST CODE FOR THE DETERMINATION OF AIRBORNE ACOUSTICAL NOISE –

Part 2-15: Particular requirements for household food waste disposers

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IEC-PAS 60704-2-15 has been prepared by IEC technical committee 59: Performance of household and similar electrical appliances.

The text of this PAS is based on the following document:	This PAS was approved for publication by the P-members of the committee concerned as indicated in the following document
Draft PAS	**Report on voting**
59/502/NP	59/508/RVN

The list of all the parts of the IEC 60704 series, under the general title *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise, can be found on the IEC website*.

This Part 2-15 is intended to be used in conjunction with the second edition (1997) of IEC 60704-1: *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements*.

This Part 2-15 supplements or modifies the corresponding clauses in IEC 60704-1. When a particular subclause of Part 1 is not mentioned in this Part 2-15, that subclause is applicable as far as reasonable. Where this PAS states “addition”, “modification” or “replacement”, the relevant requirements, test specifications or explanatory matter in Part 1 should be adapted accordingly.

Subclauses or figures that are additional to those in Part 1 are numbered starting from 101. Additional annexes are lettered AA, BB, etc.

Following publication of this PAS, which is a pre-standard publication, the technical committee or subcommittee concerned may transform it into an International Standard.

This PAS shall remain valid for an initial maximum period of 3 years starting from the publication date. The validity may be extended for a single 3-year period, following which it shall be revised to become another type of normative document, or shall be withdrawn.

The contents of the corrigendum of July 2012 have been included in this copy.

INTRODUCTION

The measuring conditions specified in this proposed test code provide for sufficient accuracy in determining the noise emitted, and comparing the results taken by different laboratories, whilst simulating as far as possible the practical use of food waste disposers.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of properties and performance of food waste disposers.

NOTE As stated in the introduction to IEC 60704-1, this test code is concerned with airborne noise only.

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – TEST CODE FOR THE DETERMINATION OF AIRBORNE ACOUSTICAL NOISE –

Part 2-15: Particular requirements for household food waste disposers

1 Scope

This clause of Part 1 is applicable except as follows:

1.1 Scope

1.1.1 General

Replacement

These particular requirements apply to single unit electric food waste disposers for household and similar use, with or without automatic program control, for cold water supply, for permanent connection to water supply and sewage systems, intended for connection to the kitchen sink drain and contained within a kitchen cabinet enclosure.

Limitations for the use of this test code are given in 1.1.1 of IEC 60704-1.

1.1.2 Types of noise

Replacement

ISO 3743-1, ISO 3743-2, and ISO 3744 may be used for measuring noise emitted by food waste disposers.

1.1.3 Size of the source

Replacement

The method specified in ISO 3744 is applicable to noise sources of any size. When applying ISO 3743-1 and ISO 3743-2, care should be taken that the maximum size of the cabinet enclosing the food waste disposer under test fulfills the requirements specified in 1.3 of ISO 3743-1 and ISO 3743-2.

1.2 Object

Addition

Requirements for the declaration of noise emission values are not within the scope of this standard.

NOTE For determining and verifying noise emission values declared in product specifications, see IEC 60704-3.

1.3 Measurement uncertainty

Addition

Standard deviations for the kitchen machine category of appliances from IEC 60704-3 are applicable.

2 Normative references

This clause of Part 1 is applicable.

Addition:

ANSI/ASME A112.19.3-2000, *Stainless Steel Plumbing Fixtures (Designed for Residential Use)*