

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –  
Part 2-10: Particular requirements for electric cooking ranges, ovens, grills, microwave ovens and any combination of these**

**Appareils électrodomestiques et analogues – Code d'essai pour la détermination du bruit aérien –  
Partie 2-10: Règles particulières pour les cuisinières, les fours, les grils, les fours à micro-ondes et toute combinaison de ces appareils**





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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 2-10: Particular requirements for electric cooking ranges, ovens, grills, microwave ovens and any combination of these

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International Standard IEC 60704-2-10 has been prepared by subcommittee 59K: Ovens and microwave ovens, cooking ranges and similar appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

This second edition cancels and replaces the first edition published in 2004 and constitutes an adaptation to the third edition of IEC 60704-1(2010).

Compared to the first edition (2004) of this Part 2-10, this second edition doesn't contain the description of an appropriate test enclosure which has now been incorporated in Part 1.

The text of this standard is based on the following documents:

FDIS	Report on voting
59K/224/FDIS	59K/228/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-10 is intended to be used in conjunction with IEC 60704-1:2010 (3rd edition) *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements*.

NOTE When "Part 1" is mentioned in this standard, it refers to IEC 60704-1.

This Part 2-10 supplements or modifies the corresponding clauses in IEC 60704-1, so as to establish the test code for electric cooking ranges, ovens, grills, microwave ovens and any combination of these. When a particular subclause of Part 1 is not mentioned in this Part 2-10, that subclause is applicable as far as reasonable. Where this Part 2-10 states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in Part 1 is to be adapted accordingly.

Subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1.

Unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause.

Additional annexes are lettered AA, BB, etc.

A list of all the parts in 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.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## INTRODUCTION

The measuring conditions specified in this Part 2-10 of IEC 60704 provide for sufficient accuracy in determining the noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of electric cooking ranges, ovens, grills, microwave ovens and any combination of these.

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

Compared to the first edition (2004) of this Part 2-10, the second edition doesn't contain the description of an appropriate test enclosure which has now been incorporated in Part 1.

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