

Kodumajapidamises ja sarnates oludes kasutatavate seadmete poolt tekitatava õhumüra määramise katsenormid. Osa 3: Protseduur teatatud müraleviku suuruse määramiseks ja kontrolliks

Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 3: Procedure for determining and verifying declared noise emission values

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 60704-3:2002 sisaldab Euroopa standardi EN 60704-3:1994 ingliskeelset teksti.

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Descriptors: Household electrical appliances, acoustic emission, airborne noise, determination, verification, declared values

English version

Test code for the determination of airborne acoustical
noise emitted by household and similar electrical
appliances

Part 3: Procedure for determining and verifying declared
noise emission values

(IEC 704-3 : 1992)

Code d'essai pour la détermination du bruit
aérien émis par les appareils
électrodomestiques et analogues
Partie 3: Procédure pour déterminer et
vérifier l'annonce des valeurs d'émission
acoustique
(CEI 704-3 : 1992)

Prüfvorschrift für die Bestimmung der
Luftschallemission von elektrischen Geräten
für den Hausgebrauch und ähnliche Zwecke
Teil 3: Verfahren zur Bestimmung und
Nachprüfung angegebener
Geräuschemissionswerte
(IEC 704-3 : 1992)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Foreword

The text of the International Standard IEC 704-3 : 1992, prepared by IEC TC 59, Performance of household electrical appliances, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60704-3 on 1994-10-04 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1995-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1995-09-01

This part 3 is to be used in conjunction with EN 60704-1 and EN 60704-2.

Annexes designated 'normative' are part of the body of the standard. Annexes designated 'informative' are given for information only. In this standard, annexes A and ZA are normative and annexes B, C and D are informative. Annex ZA has been added by CENELEC.

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INTRODUCTION

Although the noise levels produced by household appliance are not known to present a hazard to the hearing of the user or other exposed persons, and therefore no noise limits have been specified by relevant authorities responsible for health protection, a comprehensive and correct declaration of noise emission will be very helpful for the potential buyer to make a good choice between appliances of the same category (serving for the same purpose) of different makes or for different models.

To safeguard a correct declaration of noise emission values this part of IEC 704 prescribes a simple method for verifying declared values and provides information for determining the noise emission values.

This part considers the term "declaration" to include all means for providing information on the noise emission values to potential users (consumers) of the appliances; this includes labels, brochures, advertisements, commercial and technical information papers, etc.

This part considers declaration for appliance being manufactured by mass production, with the same declared value for the lot (batch).

This part specifies a simple statistical method for verifying the declared values by investigating a sample of only three appliances.

The necessary measurements have to be carried out according to IEC 704

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

Part 3: Procedure for determining and verifying declared noise emission values

1 Scope

This part of IEC 704 describes procedures for determining and verifying the declared values of the noise emitted by household and similar appliances.

It applies to all categories of household and similar electrical appliances covered by IEC 704-1 and IEC 704-2 dealing with particular requirements for special categories of appliances.

It applies to appliances being produced in quantity (in series, batches, lots) manufactured to the same technical specification and characterized by the same labelled value of noise emission.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 704. At the time of publication of this standard, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 704 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 704-1: 1982, *Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances – Part 1: General requirements*.

IEC 704-2, *Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances – Part 2: Particular requirements (for the relevant category of appliances)*.

ISO 7574/1: 1985, *Acoustics – Statistical methods for determining and verifying stated noise emission values of machinery and equipment – Part 1: General considerations and definitions*.

ISO 7574/4: 1985, *Acoustics – Statistical methods for determining and verifying stated noise emission values of machinery and equipment – Part 4: Methods for stated values for batches of machines*.

ISO 3534: 1977, *Statistics – Vocabulary and symbols*.