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**Gospodinjski in podobni električni aparati -Preskuševalni kod za ugotavljanje  
zvočnega hrupa v zraku - 2-6. del: Posebne zahteve za bobnaste sušilnike  
(istoveten EN 60704-2-6:2004)**

Household and similar electrical appliances - Test code for the determination of  
airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers

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English version

**Household and similar electrical appliances –  
Test code for the determination of airborne acoustical noise  
Part 2-6: Particular requirements for tumble dryers  
(IEC 60704-2-6:2003, modified)**

Appareils électrodomestiques et  
analogues –  
Code d'essai pour la détermination du  
bruit aérien  
Partie 2-6: Règles particulières pour les  
sèche-linge à tambour  
(CEI 60704-2-6:2003, modifiée)

Elektrische Geräte für den Hausgebrauch  
und ähnliche Zwecke –  
Prüfvorschrift für die Bestimmung der  
Luftschallemission  
Teil 2-6: Besondere Anforderungen für  
Wäschetrockner  
(IEC 60704-2-6:2003, modifiziert)

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This European Standard was approved by CENELEC on 2003-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## 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 60704-2-6:2003, prepared by SC 59D, Home laundry appliances, of IEC TC 59, Performance of household electrical appliances together with the common modifications prepared by the Technical Committee CENELEC TC 59X, Consumer information related to household electrical appliances, was submitted to the formal vote and was approved by CENELEC as EN 60704-2-6 on 2003-12-01.

This European Standard supersedes EN 60704-2-6:1995.

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) | 2004-12-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2006-12-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60704-2-6:2003 was approved by CENELEC as a European Standard with agreed common modifications as given below.

### COMMON MODIFICATIONS

#### 2 Normative references

**Replace** the reference of "IEC 61121:2000" by "IEC 61121:2002".

#### 3 Definitions

**Replace** the definitions 3.102, 3.103 and 3.105 by:

##### 3.102

##### **standard test load for noise measurements**

the cotton test load for the same rated capacity as defined in 3.11 and in Clause 5 of IEC 61121 and with  $(65 \pm 6)$  % initial moisture content

NOTE New textile items should be washed as described in 7.3.2 of IEC 61121. An item should not be used more than 80 cycles after pre-treatment.

##### 3.103

##### **cotton test load**

the load shall consist of huckaback hand-towels as defined in Annex B of IEC 61121

##### 3.105

##### **initial moisture content**

moisture content achieved by wetting and spinning in a washing machine:  $(65 \pm 6)$  %

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**6.5.5 Replace** the second paragraph by the following:

Appliances designed for front loading and intended only for building-in or for placing under a counter, or under a worktop, or between cabinets (under counter types), shall be built-in or placed in a test enclosure, as described in Figure 101.

## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61121	2002	Tumble dryers for household use - Methods for measuring the performance	-	-
ISO 3055	1985	Kitchen equipment - Coordinating sizes	-	-
ISO 7235	1991	Acoustics - Measurement procedures for ducted silencers - Insertion loss, flow noise and total pressure loss	-	-

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

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IEC**

**60704-2-6**

Deuxième édition  
Second edition  
2003-01

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**Appareils électrodomestiques et analogues –  
Code d'essai pour la détermination  
du bruit aérien –**

**Partie 2-6:**

**Règles particulières pour les  
sèche-linge à tambour**  
(standards.iteh.ai)

**Household and similar electrical appliances –  
Test code for the determination  
of airborne acoustical noise –**

**Part 2-6:**

**Particular requirements for tumble dryers**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –  
TEST CODE FOR THE DETERMINATION OF AIRBORNE  
ACOUSTICAL NOISE –****Part 2-6: Particular requirements for tumble dryers**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60704-2-6 has been prepared by subcommittee 59D: Home laundry appliances, of IEC technical committee 59: Performance of household electrical appliances.

This second edition cancels and replaces the first edition published in 1994 and constitutes a technical revision.

This bilingual version (2005-02) replaces the English version.

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

FDIS	Report on Voting
59D/224/FDIS	59D/227/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.

The French version of this standard has not been voted upon.

This Part 2-6 is intended to be used in conjunction with IEC 60704-1, 2nd edition 1997: *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements*.

The relevant text of Part 1 as amended by this standard establishes the test code for tumble dryers.

This Part 2-6 supplements or modifies the corresponding clauses in IEC 60704-1. When a particular subclause of Part 1 is not mentioned in this part 2-6, that subclause is applicable as far as reasonable. Where this standard states “addition”, “modification” or “replacement”, the relevant requirements, test specifications or explanatory matter in part 1 shall be adapted accordingly.

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

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.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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 of IEC 60704 provide for sufficient accuracy in determining the levels of noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of tumble dryers.

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 household tumble dryers.

Compared to the first edition (1994) of this Part 2-6, the second edition considers the noise during a complete drying cycle.

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

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