

**(istoveten EN 60704-2-6:1995)**

Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for tumble dryers (IEC 704-2-6:1994)

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English version

**Test code for the determination of airborne acoustical noise  
emitted by household and similar electrical appliances  
Part 2: Particular requirements for tumble-dryers  
(IEC 704-2-6:1994)**

Code d'essai pour la détermination du  
bruit aérien émis par les appareils  
électrodomestiques et analogues  
Partie 2: Règles particulières pour les  
sèche-linge à tambour  
(CEI 704-2-6:1994)

Prüfvorschrift für die Bestimmung der  
Luftschallemission von elektrischen  
Geräten für den Hausgebrauch und  
ähnliche Zwecke  
Teil 2: Besondere Anforderungen an  
Wäschetrockner  
(IEC 704-2-6:1994)

This European Standard was approved by CENELEC on 1994-12-06. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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 document 59D(CO)39, future edition 1 of IEC 704-2-6, prepared by SC 59D, Home laundry appliances, of IEC TC 59, Performance of household electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60704-2-6 on 1994-12-06.

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) 1995-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1995-12-01

For products which have complied with the relevant national standard before 1995-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-12-01.

This part 2 is to be used in conjunction with 60704-1:1994, Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 1: General requirements.

This Part 2 supplements or modifies the corresponding clauses of EN 60704-1. When a particular clause or subclause of Part 1 is not mentioned in this Part 2, that clause or subclause applies as far as is reasonable. Where this Part 2 states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

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

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative. Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 704-2-6:1994 was approved by CENELEC as a European Standard without any modification.

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ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD  
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

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

IEC Publication	Date	Title	EN/HD	Date
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704-3	1992	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	EN 60704-3	1994
1121	1991	Method for measuring the performance of tumbler dryers for household use	EN 61121	1993

Other publications:

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- ISO 139:1973 - Textiles - Standard atmospheres for conditioning and testing
  - ISO 4871:1984 - Acoustics - Noise labelling of machinery and equipment
  - 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 7574-2:1985 - Acoustics - Statistical methods for determining and verifying stated noise emission values of machinery and equipment  
Part 2: Methods for stated values for individual machines
  - ISO 7574-3:1985 - Acoustics - Statistical methods for determining and verifying stated noise emission values of machinery and equipment  
Part 3: Simple (transition) method for stated values for batches of machines
  - 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

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
704-2-6

Première édition  
First edition  
1994-09

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Code d'essai pour la détermination  
du bruit aérien émis par les appareils  
électrodomestiques et analogues

Partie 2:  
Règles particulières pour  
les sèche-linge à tambour

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

Part 2:  
Particular requirements for  
tumble-dryers

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## CONTENTS

	Page
FOREWORD .....	5
INTRODUCTION .....	9
Clause	
1 Scope and object .....	11
2 References .....	11
3 Terms and definitions .....	13
4 Measurement methods and acoustical environments .....	17
5 Instrumentation .....	17
6 Operation and location of appliances under test .....	17
7 Measurement of noise levels .....	25
8 Calculation of sound-pressure and sound-power levels .....	25
9 Information to be recorded .....	25
10 Information to be reported .....	25
Figures .....	26

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

**Part 2: Particular requirements  
for tumble-dryers**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. 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. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 704-2-6 has been prepared by sub-committee 59D: Home laundry appliances, of IEC technical committee 59: Performance of household electrical appliances.

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

DIS	Report on voting
59D(CO)39	59D(CO)41

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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table. [SIST EN 60704-2-6:1998](https://standards.iteh.ai/catalog/standards/sist/77e31edc-8f38-484a-a6bf-8c24ad5cbbc4/sist-en-60704-2-6-1998)

This Part 2 is intended to be used in conjunction with IEC 704-1, 1st edition 1982: *Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances – 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 supplements or modifies the corresponding clauses in IEC 704-1. When a particular subclause is not mentioned in this Part 2, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in Part 1 should 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.

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## INTRODUCTION

The measuring conditions specified in this Part 2 simulate, as far as possible, the practical use of tumble-dryers taking into account the steadiness of the noise emitted during the measurement and the reproducibility in different laboratories.

It is recommended to consider noise data as part of performance data.

NOTE – As stated in the introduction to IEC 704-1, this code is concerned with airborne noise only; however, it is emphasized that for large household appliances, such as tumble-dryers, the generation of noise by vibrations transmitted through floors, walls, etc. may contribute significantly to the total noise experienced under practical conditions.

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