

Australian/New Zealand Standard™

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

**Part 2.6: Particular requirements for  
tumble dryers**



### **AS/NZS 60704.2.6:2009**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-015, Quality and Performance of Household Electrical Appliances. It was approved on behalf of the Council of Standards Australia on 11 February 2009 and on behalf of the Council of Standards New Zealand on 23 February 2009. This Standard was published on 22 April 2009.

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The following are represented on Committee EL-015:

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# Australian/New Zealand Standard™

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

### **Part 2.6: Particular requirements for tumble dryers**

First published as AS/NZS 60704.2.6:2009.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-015, Quality and Performance of Household Electrical Appliances.

The objective of this Standard is to define the methods of determination of airborne acoustical noise emitted by tumble dryers. This Standard applies to single unit electric tumble dryers for household and similar use intended for placing on the floor against a wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or for mounting on a counter. For the purpose of this standard, washer-dryer combinations, when operated as a dryer, are considered as a tumble dryer

This Standard is identical with, and has been reproduced from IEC 60704-2-6, Ed. 2.0 (2005), *Household and similar electrical appliances—Test code for the determination of airborne acoustical noise—Part 2-6: Particular requirements for tumble dryers*.

This Part 2.6 is intended to be used in conjunction with AS/NZS 60704.1, *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 AS/NZS 60704.1. When a particular clause of Part 1 is not mentioned in this Part 2.6, that clause 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.

Clauses or figures that 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 clause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or clause.

As this Standard is reproduced from an International Standard, the following applies:

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- (c) A full point should be substituted for a comma when referring to a decimal marker.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

## CONTENTS

	<i>Page</i>
1 Scope and object .....	1
1.1 Scope .....	1
1.2 Object .....	1
1.3 Measurement uncertainty .....	2
2 Normative references .....	2
3 Terms and definitions .....	2
4 Measurement methods and acoustical environments .....	3
4.1 General .....	3
4.2 Direct method .....	3
4.3 Comparison method .....	3
5 Instrumentation .....	3
6 Operation and location of appliances under test .....	4
6.1 Equipping and pre-conditioning of appliances .....	4
6.2 Supply of electric energy and of water or gas .....	4
7 Measurement of sound pressure levels .....	6
8 Calculation of sound pressure and sound power levels .....	6
9 Information to be recorded .....	6
10 Information to be reported .....	6
Annexes .....	9
Annex A (normative) Standard test table .....	9
Annex AA (informative) Standard muffler: list of possible types .....	9

## 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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**1 Scope and object**

This clause of Part 1 is applicable except as follows.

**1.1 Scope****1.1.1 General**

*Replacement:*

This standard applies to single unit electric tumble dryers for household and similar use intended for placing on the floor against a wall, for building in or placing under a counter, a kitchen work-top or under a sink, for wall-mounting or for mounting on a counter. For the purpose of this standard, washer-dryer combinations, when operated as a dryer, are considered as a tumble dryer.

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 can all be used for measuring noise emitted by tumble dryers.

**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 shall be taken that the maximum size of the tumble dryer under test fulfils 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 101 For determining and verifying noise emission values declared in product specifications, see IEC 60704-3.