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AS/NZS 2442.1:1996
(Incorporating Amendment Nos 1, 2, 3 and 4)

AS/NZS 2442.1:1996

Australian/New Zealand Standard™

Performance of household electrical appliances—Rotary clothes dryers

Part 1: Energy consumption and performance

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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 20 December 1995 and on behalf of the Council of Standards New Zealand on 31 January 1996. This Standard was published on 5 March 1996.

The following are represented on Committee EL-015:

Association of Certification Bodies, Australia
Australian Consumers Association
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Suppliers Association, Australia
Department of Energy, N.S.W.
Department of Minerals and Energy, Qld
Department of Primary Industries and Energy, Australia
Electricity Supply Association of Australia
Electricity Trust of South Australia
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Australian/New Zealand Standard™

Performance of household electrical appliances—Rotary clothes dryers

Part 1: Energy consumption and performance

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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 to supersede, in part, AS 2442—1981, *Performance of household electrical appliances—Rotary clothes dryers*.

This Standard incorporates Amendment No. 1 (October 1998), Amendment No. 2 (September 1999), Amendment No. 3 (March 2003) and Amendment No. 4 (September 2006). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The 1981 edition of AS 2442 has been enlarged and divided to form a series which currently comprises two parts as follows:

AS/NZS	
2442	Performance of household electrical appliances—Rotary clothes dryers
2442.1	Part 1: Energy consumption and performance (this Standard)
2442.2	Part 2: Energy labelling requirements

The overall objective of this series of Standards is to promote high levels of quality, performance and energy efficiency in rotary clothes dryers.

The Parts in this series are defined as follows:

(a) *Part 1* Includes performance test procedures and minimum performance criteria for rotary clothes dryers. It has been structured to be suitable for reference in regulatory legislation and to be used in conjunction with Part 2. All of the basic subject matter in this document was addressed in the 1981 edition of AS 2442.

(b) *Part 2* Includes algorithms for the calculation of the energy efficiency star rating and projected energy usage, performance requirements, details of the energy label and requirements for the valid application thereof. All the subject matter in this document is new to the Standard and was not addressed in the 1981 edition of AS 2442.

It is published with the approval of the combined state regulatory authorities and is structured to be suitable for reference in energy labelling regulatory legislation. It refers to Part 1 for test procedures.

The changes to the previous edition relevant to this Standard include the following:

(i) The format of information, including the order of the appendices, has been significantly revised to allow easier reference and access.

(ii) The conditions for measurement and recording results have been further specified. This additional specification includes additional appendices and an updating of technology and tolerances.

(iii) The initial moisture content of the test load has been altered from 100% to 90% (Appendix E).

(iv) The required final moisture content has been altered from 8% to 6% (Clause 4.2).

(v) The test methods to determine moisture content have been significantly revised to make platform scales mandatory in most cases.

(vi) Test methods have generally been made more repeatable and reproducible so as to be suitable for use as part of a compulsory energy labelling scheme.

(vii) The scope of the Standard now specifically includes condenser dryers and the dryer function of combination washer/dryers.

(viii) The test to determine the maximum external temperature of the dryer has been deleted. This aspect is now dealt with in the relevant safety and approvals Standard.

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