

AS/NZS 60335.2.11:2009
(Incorporating Amendment Nos 1 and 2)

AS/NZS 60335.2.11:2009

Australian/New Zealand Standard™

**Household and similar electrical
appliances—Safety**

**Part 2.11: Particular requirements for
tumble dryers
(IEC 60335-2-11 Ed 7.1, MOD)**



AS/NZS 60335.2.11:2009

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers. It was approved on behalf of the Council of Standards Australia on 17 March 2009 and on behalf of the Council of Standards New Zealand on 13 March 2009.

This Standard was published on 29 May 2009.

The following are represented on Committee EL-002:

- Australian Industry Group
 - A2 | National Retailers Association (Australia)
 - Business New Zealand
 - Consumer Electronic Suppliers Association, Australia
 - Consumers' Federation of Australia
 - Electrical regulatory authorities, Australia
 - Electrical Compliance Testing Association
 - Electrical consultants
 - Engineers Australia
 - A2 | Testing Interests New Zealand
 - WorkSafe New Zealand
 - New Zealand Electric Fence Energizer Manufacturers' Standards Group
-

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.saiglobal.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

AS/NZS 60335.2.11:2009
(Incorporating Amendment Nos 1 and 2)

Australian/New Zealand Standard™

Household and similar electrical appliances—Safety

Part 2.11: Particular requirements for tumble dryers (IEC 60335-2-11 Ed 7.1, MOD)

Originated in Australia as AS 3185—1972.
Originated in New Zealand as NZS 6311:1993.
Jointly revised and redesignated AS/NZS 3350.2.11:1995.
Previous edition AS/NZS 3350.2.11:2001.
Jointly revised and designated AS/NZS 60335.2.11:2002.
Jointly revised and designated AS/NZS 60335.2.11:2009.
Reissued incorporating Amendment No. 1 (May 2010).
Reissued incorporating Amendment No. 2 (June 2014).

COPYRIGHT

© Standards Australia Limited/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140.

ISBN 0 7337 9074 7

CONTENTS

	FOREWORD.....	4
	INTRODUCTION.....	6
	1 Scope.....	7
	2 Normative references	8
A2	3 Terms and definitions	8
	4 General requirement.....	8
	5 General conditions for the tests	9
	6 Classification.....	9
	7 Marking and instructions.....	9
	8 Protection against access to live parts.....	11
	9 Starting of motor-operated appliances	11
	10 Power input and current	12
	11 Heating	12
	12 Void.....	13
	13 Leakage current and electric strength at operating temperature.....	13
	14 Transient overvoltages	13
	15 Moisture resistance	13
	16 Leakage current and electric strength.....	13
	17 Overload protection of transformers and associated circuits	13
	18 Endurance.....	14
	19 Abnormal operation	14
	20 Stability and mechanical hazards	15
	21 Mechanical strength	16
	22 Construction	16
	23 Internal wiring.....	17
	24 Components	17
	25 Supply connection and external flexible cords	18
	26 Terminals for external conductors.....	18
	27 Provision for earthing	18
	28 Screws and connections	18
	29 Clearances, creepage distances and solid insulation	18
	30 Resistance to heat and fire	18
	31 Resistance to rusting.....	19
	32 Radiation, toxicity and similar hazards.....	19

	Annexes	20
A2 DOA 27/6/16	Annex R (normative) Software evaluation	20
	Annex AA (normative) Rinsing agent.....	20
	Annex BB (normative) Tumble dryers that use a refrigerating system incorporating sealed motor-compressors for carrying out the drying process	21
A2 DOW 27/6/16	Annex CC (normative) Non-sparking “n” electrical apparatus	30
A2 DOA 27/6/16	Annex CC (normative) Equipment protection by type of protection "n"	31
A2 DOW 27/6/16	Annex ZZ (informative) Variations to IEC 60335-2-11 Ed 7.0 for application in Australia and New Zealand	33
A2 DOA 27/6/16	Annex ZZ (informative) Variations to IEC 60335-2-11 Ed 7.1 for application in Australia and New Zealand	33
	Bibliography.....	35
	Figure 101 – Probe for measuring surface temperatures	19
	Table 201 – Maximum temperatures for motor-compressors	24
	Table 202 – Refrigerant flammability parameters	28

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-