

Australian/New Zealand Standard™

**Household and Similar Electrical
Appliances—Safety**

**Part 2.67: Particular requirements for
floor treatment and floor cleaning
machines for industrial and commercial
use**



AS/NZS 60335.2.67:2002

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 8 October 2002 and on behalf of the Council of Standards New Zealand on 2 October 2002.

This Standard was published on 22 November 2002.

The following are represented on Committee EL-002:

Association of Certification Bodies
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association New Zealand
Consumer Electronic Suppliers Association, Australia
Electrical regulatory authorities, Australia
Electrical test laboratories
Electrical consultants
Electricity Supply Association of Australia
Institution of Engineers Australia
Metal Trades Industries Association of Australia
Ministry of Consumer Affairs, New Zealand

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 Standards may also be withdrawn.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.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. 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.

This Standard was issued in draft form for comment as DR 02924.

Australian/New Zealand Standard™

Household and Similar Electrical Appliances—Safety

Part 2.67: Particular requirements for floor treatment and floor cleaning machines for industrial and commercial use

Originated as AS/NZS 60335.2.67:2002.
Reissued incorporating Amendment No. 1 (October 2006).

COPYRIGHT

© Standards Australia/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.

Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

CONTENTS

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