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AS/NZS 14644.3:2009

Australian/New Zealand Standard™

Cleanrooms and associated controlled environments

Part 3: Test methods (ISO 14644-3:2005, MOD)

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The following are represented on Committee ME-060:

Airconditioning & Refrigeration Equipment Manufacturers Association of Australia
Auckland Regional Chamber of Commerce
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute of Refrigeration Air Conditioning and Heating
Australian Pharmaceutical Manufacturers Association
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AS 1386.3—1989, AS 1386.4—1989 and AS 1386.7—1989.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-060, Controlled Environment to supersede AS 1386.1—1989, AS 1386.2—1989, AS 1386.3—1989, AS 1386.4—1989 and AS 1386.7—1989. This Standard has been adopted with national modifications, and has been reproduced from, ISO 14644-3:2005, *Cleanrooms and associated controlled environments*, Part 3: *Test methods.* Additional requirements for Australia and New Zealand are given in Appendix ZZ.

The objective of this Standard is to specify test methods for designated classification of airborne particulate cleanliness and for characterizing the performance of cleanrooms and clean zones.

The following additional documents are referenced in Appendix ZZ:

AS

1807	Cleanrooms, workstations, safety cabinets and pharmaceutical isolators—Methods of test	
1807.0	Part 0:	List of methods and apparatus
1807.1	Part 1:	Determination of air velocity and uniformity of air velocity in clean workstations, laminar flow safety cabinets and pharmaceutical isolators
1807.3	Part 3:	Determination of air velocity and uniformity of air velocity in laminar flow cleanrooms
1807.6	Part 6:	Determination of integrity of terminally mounted HEPA filter installations
1807.7	Part 7:	Determination of integrity of HEPA filter installations not terminally mounted
1807.10	Part 10:	Determination of air pressure of cleanrooms and pharmaceutical isolators
1807.11	Part 11:	Determination of airflow parallelism in laminar flow cleanrooms
1807.12	Part 12:	Determination of temperature in work zones
1807.13	Part 13:	Determination of relative humidity in cleanrooms
1807.15	Part 15:	Determination of illuminance
1807.16	Part 16:	Determination of sound level in cleanrooms
1807.24	Part 24:	Determination of recovery times of cleanrooms

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

(a) Its number appears on the cover and title page while the international standard number appears only on the cover.

(b) In the source text ‘this part of ISO 14644’ should read ‘this Australian/New Zealand Standard’.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
ISO		AS/NZS ISO	
14644	Cleanrooms and associated controlled environments	14644	Cleanrooms and associated controlled environments
14644-1	Part 1: Classification of air cleanliness	14644.1	Part 1: Classification of air cleanliness
14644-2	Part 2: Specifications for testing and monitoring to prove continued compliance with ISO 14644-1	14644.2	Part 2: Specifications for testing and monitoring to prove continued compliance with ISO 14644-1 (ISO 14644-2, MOD)

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Reference to International Standard		*Australian/New Zealand Standard*	
ISO		AS/NZS ISO	
14644-4	Part 4: Design, construction and start-up	14644.4	Part 4: Design construction and start-up

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms ‘normative’ and ‘informative’ have been used in this Standard 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.

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