AS 4260—1997
Reconfirmed 2018

Australian Standard®

High efficiency particulate air (HEPA) filters—Classification, construction and performance

This Australian Standard was prepared by Committee ME/80, Air Filters. It was approved on behalf of the Council of Standards Australia on 28 February 1997 and published on 5 April 1997.

The following interests are represented on Committee ME/80:

Air-conditioning and Refrigeration Equipment Manufacturers Association of Australia

Australian Chamber of Manufactures

Australian Contamination Control Society

Australian Institute of Hotel Engineering

Australian Institute of Refrigeration Air Conditioning and Heating

CSIRO—Division of Animal Health

CSIRO—Division of Atmospheric Research

Institute of Plant Engineers of Australasia

Metal Trades Industry Association of Australia

Property Council of Australia

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STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 4260–1997
High efficiency particulate air (HEPA) filters–Classification, construction and performance

RECONFIRMATION NOTICE

Major stakeholders of this publication have reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 29 August 2018.

NOTES

Australian Standard®

High efficiency particulate air (HEPA) filters—Classification, construction and performance

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PREFACE

This Standard was prepared by the Standards Australia Committee ME/80 on Air Filters. This Standard supersedes AS 4260.1(Int)—1994, *High efficiency particulate air (HEPA) filters*, Part 1: *Performance and construction* and AS 4260.2(Int)—1994, *High efficiency particulate air (HEPA) filters*, Part 2: *Methods of test*.

The objective of this Standard is to provide designers, manufacturers and installers of air filtration equipment with requirements for the classification, construction and performance testing of HEPA filters.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard

High efficiency particulate air (HEPA) filters—Classification, construction and performance

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for the classification, construction and performance testing of fully disposable high efficiency particulate air (HEPA) filters. It includes those filters known as ultra low penetration air (ULPA) filters but excludes medium efficiency particulate air filters (MEPA).

NOTES:

1 Requirements for air filters for use in general ventilation and airconditioning are given in AS 1324.1 and AS 1324.2. Although MEPA filters are not within the scope of this Standard it is recognized that there are similarities of construction, and relevant parts of this Standard may be applied to MEPA filters by buyer/seller agreement.

2 The filters covered by this Standard achieve very low sub-micrometre particulate levels for the protection of people, products, and processes from potential contamination. Common applications are cleanrooms for control and protection of pharmaceutical and electronic processes, operating theatres, clean workstations, nuclear containment facilities, and biological containment facilities including safety cabinets.

3 Purchasing guidelines are provided in Appendix A. Handling and shipment guidelines are provided in Appendix B.

1.2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS	
1324	Air filters for use in general ventilation and airconditioning
1324.1	Part 1: Application, performance and construction
1324.2	Part 2: Methods of test
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