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AS 2252.5:2017

Australian STANDARD

Controlled environments

Part 5: Cytotoxic drug safety cabinets (CDSC)—Design, construction, installation, testing and use

STANDARDS Australia

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This Australian Standard® was prepared by Committee ME-060, Controlled Environments. It was approved on behalf of the Council of Standards Australia on 12 July 2017.
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- Air Conditioning and Refrigeration Equipment Manufacturers Association of Australia
- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Institute of Refrigeration Air Conditioning and Heating
- CSIRO Australian Animal Health Laboratory
- Engineers Australia
- Human Factors and Ergonomics Society of Australia
- International Society for Pharmaceutical Engineering
- Office of the Gene Technology Regulator
- Medical Technology Association of Australia
- National Association of Testing Authorities Australia
- NSW Ministry of Health
- Society of Hospital Pharmacists of Australia
- Therapeutic Goods Administration

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Australian Standard®

Controlled environments

Part 5: Cytotoxic drug safety cabinets (CDSC)—Design, construction, installation, testing and use

Originated as AS 2567—2002 and AS 2639—1994.
Revised and redesignated as AS 2252.5:2017.

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PREFACE

This Standard was prepared by the Australian members of Joint Australia/New Zealand Standards Committee ME-060, Controlled Environments, to supersede AS 2567—2002, *Laminar flow cytotoxic drug safety cabinets*, and AS 2639—1994, *Laminar flow cytotoxic drug safety cabinets—Installation and use*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify the basic requirements for cytotoxic drug safety cabinet (CDSC) design, construction, installation, testing and use.

A cytotoxic drug safety cabinet (CDSC) is designed to provide both an aseptic environment and containment of cytotoxic materials. However, in order to provide these conditions, the unit requires assistance from a network of specially designed cleanrooms. AS 2567 and AS 2639 are therefore being combined.

This Standard is Part 5 of the AS 2252 series on controlled environments. When the revisions of AS 2252.1—2002 and AS 4273—1999 (to be AS 2252.7) are completed, the series will comprise the following:

AS		
2252		Controlled environments
2252.1	Part 1:	Biological safety cabinets Class I—Design
2252.2	Part 2:	Biological safety cabinets Class II—Design
2252.3	Part 3:	Biological safety cabinets Class III—Design
2252.4	Part 4:	Biological safety cabinets Class I and II—Installation and use (BS 5726:2005, MOD)
2252.5	Part 5:	Cytotoxic drug safety cabinets—Design, construction, installation, testing and use (this Standard)
2252.6	Part 6:	Clean workstations—Design, installation and use
2252.7	Part 7:	Pharmaceutical isolators—Design, installation and use

Compliance with an Australian Standard does not of itself confer immunity from legal obligations.

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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