

Australian/New Zealand Standard™

Safety in laboratories

Part 8: Fume cupboards



AS/NZS 2243.8:2014

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-026, Safety in Laboratories. It was approved on behalf of the Council of Standards Australia on 18 November 2013 and on behalf of the Council of Standards New Zealand on 5 December 2013.
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PREFACE

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-026, Safety in Laboratories, to supersede AS/NZS 2243.8:2006.

The objective of this Standard is to provide requirements for fume cupboards relating to their safety and performance, along with recommendations and procedures for their selection, installation, testing and use.

This edition includes requirements for risk assessment and permits the consideration of manifolded duct systems.

This Standard is Part 8 in a series aimed at promoting safety in laboratories. Parts 2–10 are intended to be read in the context set by Part 1.

The series is as follows:

- Part 1: Planning and operational aspects
- Part 2: Chemical aspects
- Part 3: Microbiological safety and containment
- Part 4: Ionizing radiations
- Part 5: Non-ionizing radiations—Electromagnetic, sound and ultrasound
- Part 6: Plant and equipment aspects
- Part 7: Electrical aspects (obsolescent)
- Part 8: Fume cupboards (this Standard)
- Part 9: Recirculating fume cabinets
- Part 10: Storage of chemicals

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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