

AS/NZS 2243.2:2006

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Australian/New Zealand Standard™

Safety in laboratories

Part 2: Chemical aspects



AS/NZS 2243.2:2006

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 2 June 2006 and on behalf of the Council of Standards New Zealand on 16 June 2006.

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The following are represented on Committee CH-026:

Australian Industry Group
Australian Institute of Occupational Hygienists
CSIRO
Department of Labour, New Zealand
Department of Primary Industries (Victoria)
Environmental Science and Research, New Zealand
Ministry of Economic Development, New Zealand
National Association of Testing Authorities, Australia
National Measurement Institute, Australia
The New Zealand Chemical Industry Council
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-026, Safety in Laboratories, to supersede AS/NZS 2243.2:1997.

The objective of this Standard is to provide information, recommendations and procedures involving the use of chemicals which will promote safe working in laboratories.

This edition has been completely reformatted to improve clarity and to incorporate changed information on staff responsibilities, laboratory waste storage and disposal, and compressed and liquefied gases.

The Standard is Part 2 of a 10-part series designed to promote safety in laboratory operations, and is aimed at specific aspects of safety common to chemical laboratories.

The other Parts in the series are as follows:

- Part 1: Planning and operational aspects
- Part 3: Microbiological aspects and containment facilities
- Part 4: Ionizing radiations
- Part 5: Non-ionizing radiations—Electromagnetic, sound and ultrasound
- Part 6: Mechanical aspects
- Part 7: Electrical aspects
- Part 8: Fume cupboards
- Part 9: Recirculating fume cabinets
- Part 10: Storage of chemicals

It is recommended that Part 1 be used in conjunction with this Part, and that additional Parts be obtained where justified by the type of operations carried out in the particular laboratory.

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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