

AS 4332—1995

Australian Standard[®]

**The storage and handling of gases
in cylinders**

This Australian Standard was prepared by Committee CH/9, Safe Handling of Chemicals. It was approved on behalf of the Council of Standards Australia on 19 July 1995 and published on 5 November 1995.

The following interests are represented on Committee CH/9:

Australian Chemical Specialties Manufacturers Association
Australian Conservation Foundation
Australian Council of Trade Unions
Australian Fire Authorities Council
Australian Government Analytical Laboratories
Australian Institute of Petroleum
Australian Paint Manufacturers Federation
Department of Defence
Department for Industrial Affairs, S.A.
Department of Minerals and Energy, W.A.
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**The storage and handling of gases
in cylinders**

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PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee CH/9 on Safe Handling of Chemicals. Preparation of the Standard was commenced following a request from the Australian Chemical Industry Council that a series of Standards be prepared on the storage and handling of dangerous goods; subsequently the Competent Authorities of various States and Territories have expressed their intentions of calling up such Standards as Codes of practice. Such Codes of practice may not be mandatory if an occupier can achieve an outcome equal to or better than that specified in the relevant Code of practice.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee that it be produced as an Australian Standard.

This Standard deals with Class 2 substances, as classified in the ADG Code.

Attention is drawn to those cards of AS 1678, *Emergency procedure guide—Transport*, that relate to Class 2 substances, such cards being among those having the initial sub-designation digit '2'.

The series of Standards covering the storage and handling of dangerous goods presently comprises, in addition to AS 1678 cited above, the following Standards:

AS

- 1596 LP gas—Storage and handling
- 1894 Code of practice for the safe handling of cryogenic fluids
- 1940 The storage and handling of flammable and combustible liquids
- 2022 Anhydrous ammonia—Storage and handling (known as the SAA Anhydrous Ammonia Code)
- 2507 The storage and handling of pesticides
- 2714 The storage and handling of hazardous chemical materials—Class 5.2 substances (organic peroxides)
- 2927 The storage and handling of liquefied chlorine gas
- 2931 Selection and use of emergency procedure guides for the transport of dangerous goods
- 3780 The storage and handling of corrosive substances
- 3961 Liquefied natural gas—Storage and handling
- 4081 The storage, handling and transport of liquid and liquefied polyfunctional isocyanates
- 4326 The storage and handling of oxidizing agents

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

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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