

AS/NZS 4681:2000
(Incorporating Amendment No. 1)

AS/NZS 4681

Australian/New Zealand Standard™

**The storage and handling of Class 9
(miscellaneous) dangerous goods and
articles**



S t a n d a r d s Australia



STANDARDS
NEW ZEALAND
Paekea Aotearoa

AS/NZS 4681:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-009, Safe Handling of Chemicals. It was approved on behalf of the Council of Standards Australia on 15 September 2000 and on behalf of the Council of Standards New Zealand on 24 November 2000. It was published on 6 December 2000.

The following interests are represented on Committee CH-009:

Agsafe Australia
Air Conditioning and Refrigeration Wholesalers Association
Australasian Fire Authorities Council
Australian Chemical Specialties Manufacturers Association
Australian Institute of Petroleum
Australian Paint Manufacturers Federation
Department for Administrative and Information Services, S.A.
Department of Industries and Business, N.T.
Department of Infrastructure, Energy and Resources, Tasmania
Department of Minerals and Energy, W.A.
Environment Protection Authority of N.S.W.
Institution of Engineers Australia
National Occupational Health and Safety Commission, Australia
New Zealand Chemical Industry Council
New Zealand Fire Service
Plastics and Chemicals Industries Association, Australia
Tranz Rail New Zealand
Victorian WorkCover Authority
WorkCover New South Wales

Additional interests participating in the preparation of this Standard:

Manufacturers, distributors and industrial users of Class 9 dangerous goods
Consultants to the chemicals industry
Consultants to the agricultural industry

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PREFACE

This Standard was prepared by the Joint Australian/New Zealand Standards Committee CH-009, *Safe Handling of Chemicals*. Preparation of this Standard was commenced following a request from the chemicals industry that a series of generic Standards be prepared in the storage and handling of each Class of dangerous goods.

This Standard incorporates Amendment No. 1 (March 2001). The changes arising from the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

The purpose of this Standard is to promote the safety of persons and property wherever dangerous goods and articles of Class 9 (as specified in the UN *Recommendations for the Transport of Dangerous Goods — Model Regulations*) are stored and handled, by providing requirements and recommendations that are based on industry best practices.

In New Zealand, this Standard covers dangerous goods and articles of Class 9, which may differ from Class 9 as defined by HSNO legislation.

The series of Standards covering the storage and handling of dangerous goods presently comprises the following:

AS

1894	The storage and handling of non-flammable cryogenic and refrigerated liquids
1940	The storage and handling of flammable and combustible liquids
2022	Anhydrous ammonia—Storage and handling
2507	The storage and handling of agricultural and veterinary chemicals
2714	The storage and handling of hazardous chemical materials—Class 5.2 substances (organic peroxides)
2927	The storage and handling of liquefied chlorine gas
3780	The storage and handling of corrosive substances
3846	The handling and transport of dangerous cargoes in port areas
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
4332	The storage and handling of gases in cylinders

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1596	Storage and handling of LP Gas
3833	The storage and handling of mixed classes of dangerous goods in packages and intermediate bulk containers
4452	The storage and handling of toxic substances

NZS

8409	Code of practice for the management of agrichemicals
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Attention has been paid to aligning the requirements given in this Standard with those of regulatory authorities, emergency services, environmental authorities and the various publications of the National Occupational Health and Safety Commission.

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 the Standard, whereas an ‘informative appendix is only for information and guidance.

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

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