

AS 4955.1—2003
ISO 11114-1:1997

AS 4955.1

Australian Standard™

**Transportable gas cylinders—
Compatibility of cylinder and valve
materials with gas contents**

Part 1: Metallic materials

This Australian Standard was prepared by Committee ME-002, Gas Cylinders. It was approved on behalf of the Council of Standards Australia on 6 November 2003 and published on 24 December 2003.

The following are represented on Committee ME-002:

Air Conditioning and Refrigeration Wholesalers Association
Australasian Institute of Engineer Surveyors
Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Gas Association
Australian Industry Group
Australian Liquefied Petroleum Gas Association
Boiler and Pressure Vessel Manufacturers Association of Australia
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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-002, Gas Cylinders. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian rather than Australian/New Zealand Standard.

This Standard is identical with and has been reproduced from ISO 11114-1:1997, *Transportable gas cylinders—Compatibility of cylinder and valve materials with gas contents*, Part 1: *Metallic materials*.

The objective of this Standard is to give guidance in the selection and evaluation of compatibility between metallic gas cylinder and valve materials, and the gas content.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) A full point substitute for a comma when referring to decimal marker.
- (c) Substitute 'mL' for 'ml' whenever it appears.
- (d) The ISO documents listed as normative references in Clause 2 have not been adopted as Australian Standards.

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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