

AS 2613—1989

Australian Standard<sup>®</sup>

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**Safety devices for gas cylinders**

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This Australian Standard was prepared by Committee ME/2, Gas Cylinders. It was approved on behalf of the Council of Standards Australia on 11 September 1989 and published on 11 December 1989.

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Australian Assembly of Fire Authorities  
Australian Chamber of Commerce  
Australian Liquefied Petroleum Gas Association  
Australian Underwater Federation  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Gas Cylinders to supersede AS 2613—1983. The new edition is considered to be necessary to provide more specific requirements and clarification for the testing of pressure-relief valves.

A proposal from the gas cylinder industry was the basis for Appendix D and Appendix H. These Appendices treat pressure-relief valves as a special category of device, and introduce a repeat cycle in the test to show performance after an initial sequence of start-to-discharge, reseal, lift, full discharge, and reseal.

This edition has been restructured to separate performance requirements from test methods. Changes of a technical nature are made in Clauses 1.4, 4.1, 4.3, and 4.6.

Investigations of safety relief of LP gas fuel vessels for automotive vehicles have confirmed that the effects of any safety device discharge channel can be critical. The requirements for discharge from an automotive LP gas vessel have been incorporated in a new edition of AS 1425, *SAA Automotive LP Gas Code*. For gas cylinders covered by any Part of AS 2030, *SAA Gas Cylinder Code*, safety relief device rating is to take into account the full effects of any discharge channel.

It is recognized that not all types of safety devices for gas cylinders fit into the categories provided by the Standard and it should be noted that certain government departments may have regulations setting different requirements from those in this Standard, e.g. the Navigation Act Classified List of Dangerous Goods and Air Navigation Orders.

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