

AS 2527—1997

Australian Standard[®]

Cylinders for dissolved acetylene

This Australian Standard was prepared by Committee ME/2, Gas Cylinders. It was approved on behalf of the Council of Standards Australia on 28 February 1997 and published on 5 May 1997.

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Australian Chamber of Manufactures
Australian Gas Association
Australian Liquefied Petroleum Gas Association
Boiler and Pressure Vessel Manufacturers Association
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/2, Gas Cylinders. It is the result of consensus among representatives on the Joint Committee to produce it as an Australian Standard to supersede AS 2527—1982.

Cylinder design details are provided by reference to Australian and acceptable international Standards that give details of materials, design and manufacturing test regimes.

This Standard also sets out requirements for the porous filler, the solvent together with the cylinder markings.

Annexes 1 and 2 from the previous edition have been deleted, as they referred to Standards which are now obsolete.

This Standard also introduces seamless-steel cylinders as suitable shells for acetylene gas use in order to bring the Standard into line with acceptable practices.

This Standard takes into account ISO 3807, *Dissolved acetylene cylinders—Basic requirements*; the main deviation from that Standard being the inclusion of the simulated external fire test.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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