

AS 4617—2004
(Incorporating Amendment No. 1)

AS 4617—2004

Australian Standard[®]

Manual shut off gas valves



This Australian Standard® was prepared by Committee AG-011, Gas Components and Industrial Equipment. It was approved on behalf of the Council of Standards Australia on 8 October 2004.

This Standard was published on 17 November 2004.

The following are represented on Committee AG-011:

- AGA (Network Operators)
 - AGA Certification Services
 - Appliance and Component Testing
 - Australian Liquefied Petroleum Gas Association
 - Gas Appliance Manufacturers Association of Australia
 - Gas Appliances and Services Association
 - Gas Technical Regulators Committee
 - Institution of Engineers Australia
 - Major Industrial Gas Installations
-

This Standard was issued in draft form for comment as DR 03575.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting **www.standards.org.au**

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at **mail@standards.org.au**, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

AS 4617—2004
(Incorporating Amendment No. 1)

Australian Standard[®]

Manual shut off gas valves

Originated as AG 201—1978.
Previous edition 1998.
Republished and designated AS 4617—2004.
Reissued incorporating Amendment No. 1 (March 2011).

COPYRIGHT

© Standards Australia Limited

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968.

Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 6355 3

PREFACE

This Standard was reviewed by the Standards Australia Committee, AG-011, Gas Components and Industrial Equipment, to supersede AG 201—1998, *Approval requirements for manual shut off valves*. The Standard is republished without technical alterations.

This Standard incorporates Amendment No. 1 (March 2011). The changes required by 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 objective of this Standard is to provide manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with uniform minimum requirements for the safety, performance and use of manual shut off valves.

This Standard should not be regarded as a design specification or as an instruction manual.

In its preparation, consideration has been given to—

- (a) continuity of satisfactory operation;
- (b) the prevention of fire hazards, and explosions;
- (c) the prevention of injury to persons or property;
- (d) gas rules and regulations now in force; and
- (e) relevant International 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.

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

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE, CLASSIFICATION AND DEFINITIONS	
1.1 SCOPE	4
1.2 CLASSIFICATION	4
1.3 DEFINITIONS	4
SECTION 2 DESIGN AND CONSTRUCTION	
2.1 MATERIALS	7
2.2 CONSTRUCTION	7
2.3 DESIGN	9
2.4 MARKINGS	11
2.5 INSTRUCTIONS	11
SECTION 3 PERFORMANCE REQUIREMENTS	
3.1 GENERAL	12
3.2 LEAKAGE	12
3.3 FLOW RATE	12
3.4 OPERATING EFFORT	12
3.5 MECHANICAL STRENGTH	13
3.6 DURABILITY	13
APPENDICES	
A FIGURES A1 – A5	14
B METHODS OF TEST	19
C LIST OF REFERENCED DOCUMENTS	38

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-