## Australian Standard<sup>™</sup>

# Over-pressure and under-pressure cut off devices



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 13 October 2004.

This Standard was published on 6 January 2005.

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

#### Keeping Standards up-to-date

Standards are living documents which 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 Standards may also be withdrawn.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 which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Web Shop at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards<sup>TM</sup> and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to the Chief Executive, Standards Australia, GPO Box 5420, Sydney, NSW 2001.

### Australian Standard<sup>™</sup>

## Over-pressure and under-pressure cut off devices

Originated as AG 211—1976. Previous edition 1998. Republished and redesignated AS 4632—2005.

#### COPYRIGHT

© Standards Australia

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.

Published by Standards Australia, GPO Box 5420, Sydney, NSW 2001, Australia ISBN 0 7337 6427 4

#### PREFACE

This Standard was reviewed by the Standards Australia Committee, AG-011, Gas Components and Industrial Equipment, to supersede AG 211—1998, *Approval requirements for over-pressure and under-pressure cut-off devices*. The Standard is republished without technical alterations.

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 over-pressure and under-pressure cut off devices.

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.

### Page

SECTIO	ON 1 SCOPE AND DEFINITIONS	
1.1	SCOPE	
1.2	DEFINITIONS	
SECTIO	ON 2 DESIGN AND CONSTRUCTION	
2.1	MATERIALS	
2.2	CONSTRUCTION	
2.3	DESIGN	7
2.4	MARKINGS	
2.5	INSTRUCTIONS	9
SECTIO	ON 3 PERFORMANCE REQUIREMENTS	
3.1	GENERAL	
3.2	LEAKAGE	
3.3	FLOW RATE	
3.4	RESETTING	
3.5	MECHANICAL STRENGTH	
3.6	REPEATABILITY	
3.7	CLOSING TIME	
3.8	DURABILITY	

#### APPENDICES

А	FIGURES A1—A6	. 12	2
В	METHODS OF TEST	. 1	9
С	LIST OF REFERENCED DOCUMENTS	34	4



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

**Product Page** 

S Looking for additional Standards? Visit Intertek Inform Infostore

> Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation