

Australian Standard<sup>®</sup>

**Specification for general purpose  
natural gas**



This Australian Standard® was prepared by Committee AG-010, Natural Gas Quality Specifications. It was approved on behalf of the Council of Standards Australia on 24 May 2011.

This Standard was published on 9 June 2011.

---

The following are represented on Committee AG-010:

- Appliance and Component Testing
  - Australian Petroleum Production and Exploration Association
  - Australian Pipeline Industry Association
  - Consumer's Federation of Australia
  - Energy Networks Association
  - Appliance Manufacturers Association of Australia
  - Gas Technical Regulators Committee
  - International Association for Natural Gas Vehicles
  - Large Industrial User
- 

This Standard was issued in draft form for comment as DR AS 4564.

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Standards may also be withdrawn.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](http://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](mailto:mail@standards.org.au), or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

---

Australian Standard<sup>®</sup>

**Specification for general purpose  
natural gas**

Originated as AS 4564—2003 (AG 864).  
Previous edition AS 4564—2005.  
Third edition 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 978 0 7337 9871 9

## PREFACE

This Standard was prepared by the Standards Australia Committee AG-010, Natural Gas Quality Specifications to supersede AS 4564—2005.

The principal changes from the 2005 edition of this Standard are as follows:

- (a) Additional normative limits on higher heating value and on oil.
- (b) Additional information on the derivation of the new normative limits on higher heating value and on oil.
- (c) Additional information on other contaminants including informative limits for elemental sulphur, mercury and radioactivity.
- (d) Updating of the information on the derivation of the normative limits that remain unchanged from the 2005 edition.

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.

## CONTENTS

	<i>Page</i>
FOREWORD.....	4
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE .....	5
1.2 OBJECTIVE.....	5
1.3 APPLICATION .....	5
1.4 LEGISLATIVE AND CONTRACTUAL REQUIREMENTS AND VARIATIONS ...	5
1.5 REFERENCED DOCUMENTS .....	6
1.6 DEFINITIONS .....	6
SECTION 2 REQUIREMENTS	
2.1 SAFETY FOR USE .....	8
2.2 CONTAMINANTS.....	8
SECTION 3 COMPLIANCE	
3.1 DEMONSTRATION OF COMPLIANCE .....	9
3.2 TESTING .....	10
APPENDICES	
A DERIVATION OF SPECIFICATION .....	11
B MATTERS THAT MAY BE CONSIDERED IN CONTRACTS.....	16
C DEMONSTRATION OF COMPLIANCE WITH THIS SPECIFICATION.....	17
D LIST OF REFERENCED STANDARDS .....	19
E SUGGESTED READING .....	20

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](#)
-