

**AS 4621:2019**

(Incorporating Amendments up to and including No. 2)



**STANDARDS**  
Australia



# **Regulator for use with liquefied petroleum — Vapour phase**



AS 4621:2019

This Australian Standard® was prepared by AG-013, Components used for Gas Appliances and Equipment. It was approved on behalf of the Council of Standards Australia on 5 April 2019.

This Standard was published on 14 May 2019.

The following are represented on Committee AG-013:

- Association of Accredited Certification Bodies
- Australian Industry Group
- Energy Networks Australia
- Engineers Australia
- Gas Appliance Manufacturers Association of Australia
- Gas Energy Australia
- Gas Technical Regulators Committee
- Master Plumbers and Mechanical Services Association of Australia (Victorian)
- Master Plumbers Association of QLD

This Standard was issued in draft form for comment as DR AS 4621:2018.

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# **Regulator for use with liquefied petroleum — Vapour phase**

Originated as AG 205—1979.

Revised as AG 205—1998.

Revised and redesignated as AS 4621—2004.

Second edition 2019.

Reissued incorporating Amendment No 1 (March 2022).

Reissued incorporating Amendment No 2 (March 2024).

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## Preface

This Standard was prepared by the Standards Australia Committee AG-013, Components used for Gas Appliances and Equipment, to supersede AS 4621—2004, *Regulators for use with liquefied petroleum—Vapour phase*.

**A2** This Standard incorporates Amendment No. 1 (March 2022) and Amendment No. 2 (March 2024). The start and end of changes introduced by the Amendment are indicated in the text by tags including the amendment numbers. **A2**

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 regulators for use with liquefied petroleum gases (vapour phase).

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

The major changes in this edition are as follows:

- (i) Updated to current drafting rules for Australian Standards.
- (ii) Review of the defined terms.
- (iii) Inclusion for an alternate ammonia-based test for stress corrosion cracking.
- (iv) Alignment, where possible, to equivalent International standards.

Figures in [Appendix A](#) relate to the relevant test methods in [Appendix B](#).

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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