

AS/NZS 5601.1:2010  
(Incorporating Amendment No. 1)

AS/NZS 5601.1:2010

Australian/New Zealand Standard™

**Gas installations**

**Part 1: General installations**



## **AS/NZS 5601.1:2010**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee AG-006, Gas Installations. It was approved on behalf of the Council of Standards Australia on 17 November 2010 and on behalf of the Council of Standards New Zealand on 10 December 2010.

This Standard was published on 23 December 2010.

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The following are represented on Committee AG-006:

Association of Accredited Certification Bodies  
Australian Gas Association  
Construction, Forestry, Mining and Energy Union  
Consumers Federation of Australia  
Department of Mines and Energy, Queensland  
Energy Networks Association  
Gas Appliance Manufacturers Association of Australia  
Gas Association of New Zealand  
Gas Technical Regulators Committee  
Gas Utilization Institute  
LPG Association of New Zealand  
LPG Australia  
Master Plumbers and Mechanical Services Association of Australia  
Master Plumbers, Gasfitters and Drainlayers New Zealand  
Ministry of Economic Development (New Zealand)  
Plumbing Industry Commission

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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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## Gas installations

### Part 1: General installations

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Originated in New Zealand as NZS 5261:1996.  
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## PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee AG-006, Gas installations, to supersede AS 5601—2004 and NZS 5261—2003. This amalgamated Standard also incorporates additional technical and editorial amendments. The installation requirements for caravans and boats can be found in AS/NZS 5601.2.

*This Standard incorporates Amendment No. 1 (August 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 intention of this Standard is to provide essential requirements and deemed to comply solutions and to promote uniform standards of gas installation.

This Standard is not to be regarded as a design specification or an instruction manual for untrained persons.

This Standard has no legal standing in its own right, but may acquire legal standing in either of the following circumstances:

- (a) Where adopted by a Government or other authority having jurisdiction over relevant installations.
- (b) Where adopted as part of an installation specification.

Regulatory bodies (Technical Regulators) may adopt this Standard. The Standard accommodates some variation of requirements among the regulatory jurisdictions. Appendix N sets out the detail of these variations.

New Zealand instituted legislative changes in 1992 which removed the responsibility for inspection and certification of gas installations from the gas suppliers and instituted a regime of gas certification by a person authorized under the Plumbers, Gasfitters, and Drainlayers Act.

Where the Standard has acquired legal standing, its requirements in Australia are mandatory (variations/exceptions being indicated as described above).

For New Zealand, it is intended that only the performance requirements (Section 2) will be mandatory.

Matters of an advisory or explanatory nature are indicated in the following manners:

- (i) The word 'NOTE(S)' followed by a statement(s).
- (ii) By the inclusion of them in an informative appendix.

Terms or words that are indicated by italics in the body of the text are defined terms or words. This does not apply to any italics used in the Preface or headings or figures. Section 1 contains the definitions of such terms or words as they apply to the Standard.

All the Australian and New Zealand Technical Regulators agree that this Standard should provide for particular appliances and components to be *certified*. It was also agreed that this Standard include a statement that this requirement would not apply retrospectively.

Section 2 of this Standard details the various aspects of a gas installation that contribute to its safety, stating performance criteria for compliance with legislative requirements for safety of gas installations. Sections 3 to 6 provide more detailed information as a means of compliance with the performance criteria.

The means of compliance in Sections 3 to 6 are not the only means of compliance with the performance criteria in Section 2.

Major changes from AS 5601—2004 include—

- (A) revision of the appendix on pipe sizing (Appendix F);
- (B) inclusion of a new appendix ‘Gas in high rise buildings’ (Appendix K);
- (C) inclusion of a new appendix ‘Diagrammatical representation of outdoor areas’ (Appendix I); and
- (D) additional requirements in relation to the use of proprietary multilayer piping systems.

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.

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