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AS 4553—2008
(Incorporating Amendment No. 1)

AS 4553—2008

Australian Standard®

Gas space heating appliances

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This Australian Standard® was prepared by Committee AG-001, Gas Appliances. It was approved on behalf of the Council of Standards Australia on 13 June 2008.
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The following are represented on Committee AG-001:

- Appliance and Component Testing
- Australian Gas Association
- Australian Greenhouse Office, Department of the Environment and Water Resources
- Consumers' Federation of Australia
- Energy Networks Association
- Gas Appliance Manufacturers Association of Australia
- Gas Association of New Zealand
- Gas Technical Regulators Committee
- Gas Utilisation Institute
- LPG Australia
- Master Plumbers, Gasfitters and Drainlayers New Zealand
- Ministry of Economic Development (New Zealand)
- New Zealand Employers and Manufacturers Association

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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.

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PREFACE

This Standard was prepared by the Standards Australia Committee AG-001, Gas Appliances to supersede AS 4553/AG 103—2000, *Gas space heating appliances*.

This Standard incorporates Amendment No. 1 (February 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 gas space heating appliances.

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.

AS 5601 provides essential requirements and basic standards for gas installations.

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.

The principal differences between this edition and AS 4553/AG 103—2000, are marked by a line in the margin. These may be a new or revised definition, Clause, Figure or M.O.T. (Method of Test).

The following have been deleted:

Definitions AGA, ALPGA, approved, authority, bypass screw, connector ends, flame blow off, flame lift, interrupter screw, occupied zone, Piezo electric ignition, room sealed appliance type 2, semi-automatic ignition, statutory authority, task efficiency, terminal and under pressure cut-off device.

Clauses: 2.3.7, 2.5.1, 2.5.6 (p), 2.7.4, 3.1.2 (last paragraph), 5.4 (2nd sentence) 5.11.4.

Figures: 1, 2, 5, 7 (replaced by dew plate), 11.

M.O.T: 5.1.2—99 Flue operation—Spillage test, Preparation of apparatus—Method 1, Steps 5 & 6.

5.1.4—95 Determination of CO/CO_2 ratio of combustion products under conditions of flue blockage, downdraught or updraught.

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