

Australian Standard™

**Gas appliance standards—Definitions
and calculations**

This Australian Standard was prepared by Committee AG-001, Gas appliances. It was approved on behalf of the Council of Standards Australia on 12 May 2004. It was published on 19 July 2004.

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Gas appliance standards—Definitions and calculations

Originated as AG 701—1977.
Previous edition 1982.
Revised and redesignated as AS 4646—2004.

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Published by Standards Australia International Ltd GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 6165 8

PREFACE

This Standard was prepared by the Standards Australia Committee AG-001, Gas appliances, to supersede AG 701, *Glossary of terms used in the AGA Codes*.

The objective of this Standard is to assist manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with the interpretation of terminology used in the various gas appliance Standards and provides details of calculations used within these Standards.

The principal difference between this edition and AG 701:1977, is the incorporation of all amendments outlined in AGA Technical Bulletins

AS 5601/AG 601, *Gas Installations*, contains further definitions that may apply to gas appliances.

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.

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STANDARDS AUSTRALIA

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SECTION 1 DEFINITIONS

1.1 ACCURACY

The range in which the true value of a measurement lies.

1.2 AIR DAMPER

An adjustable device for controlling airflow in forced or induced draught air systems.

1.3 ALPGA

Australian Liquefied Petroleum Gas Association Ltd.

1.4 APPLIANCE

A device that uses gas to produce flame, heat, light, power or special atmosphere.

1.5 APPLIANCE FLUE WAY

A port or passage conveying flue gases within the appliance.

1.6 APPLIANCE FLUE WAY TERMINAL

A protective device fitted to the exit of an appliance flue way of a flueless appliance.

1.7 APPLIANCE REGULATOR

A device fitted to an appliance to control the gas pressure or gas volume delivered to that appliance.

1.8 APPLIANCE VENTILATION DUCT

A duct through a building designed to bring combustion air from, and take products of combustion to, the outside air, for Type 2 room sealed appliances.

1.9 APPROVED

Acceptable to, and meeting the prescribed standards of, the authority having jurisdiction.

1.10 ATMOSPHERIC BURNER

A burner system where all the air for combustion is introduced by the inspirating effect of a gas injector and/or by the natural draught in the combustion chamber without mechanical assistance.

1.11 ATMOSPHERIC STEAMER

An appliance in which the cooking medium is steam at atmospheric pressure.