

Australian Standard™

Flue cowl—Gas appliances

This Australian Standard was prepared by Committee AG-006, Gas Installation Committee. It was approved on behalf of the Council of Standards Australia on 10 January 2005.

This Standard was published on 18 February 2005.

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STANDARDS AUSTRALIA

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OF

AS 4566—2005

Flue cowls—Gas appliances

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NOTES

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Originally published as AG 604—1972.
Previous edition AG 604—1987.
Republished and redesignated as AS 4566—2005.

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

ISBN 0 7337 6470 3

PREFACE

This Standard was reviewed by the Standards Australia Committee, AG-006, Gas Installation Committee, to supersede AG 604—1987, *Approval Requirements For Flue Cows*. The Standard is republished without technical alterations.

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 flue cows.

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.

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 the 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

Australian Standard
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SECTION 1 SCOPE AND DEFINITIONS

1.1 SCOPE

The requirements cover all external flue cowls attached to flue terminals of gas appliances with draught diverters operating under natural draught.

1.2 DEFINITIONS**1.2.1 Approved**

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

1.2.2 Authority

The authority having jurisdiction or such authority as delegated. (Technical regulator).

1.2.3 Certified

Assessed by a certifying body and having a certificate number to demonstrate compliance with a Standard.

1.2.4 Certifying body

A body acceptable to the technical regulator that provides assurance of compliance of appliances and components with nominated standards and other accepted safety criteria.

1.2.5 Combustible construction

Materials made of or surfaced with wood, compressed paper, plant fibres or other materials that will ignite and burn.

1.2.6 Draught diverter

A device, without moving parts, fitted in the flue of an appliance for isolating the combustion system from the effects of pressure changes in the secondary flue.

1.2.7 Flue

The passage through which flue gases are conveyed from an appliance to a discharge point, excluding draught diverter, barometric device, fan or similar part.

1.2.8 Flue cowl

A fitting, placed at the flue terminal, designed to prevent the entry of rain or the disturbing effect of wind while not interfering with the discharge of flue gases.

1.2.9 Flue gases

Combustion products plus all diluents and contaminants intermixed with the combustion products. These include, where applicable, excess air, dilution air, process air, and waste products from the process.

1.2.10 Flue terminal

The point at which flue products discharge from a flue. It is the point where a flue system discharges into a flue cowl (if fitted).