

STANDARDS AUSTRALIA

Amendment No. 2
to
AS 4551—2008
Domestic gas cooking appliances

REVISED TEXT

The 2008 edition of AS 4551 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to the Clauses 1.3.41A (New), 2.1.4, 2.8.15, 2.11.2, 5.6.1, 5.6.2 and 5.11.1, Table 1.1 and Appendix B.

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Clause 1.3.41A (New)

Insert new term and definition after Clause 1.3.41 as follows:

1.3.41A Freestanding cooking appliance

A cooking appliance, comprising an oven or ovens, a number of open burners and, usually, a grill, which is designed to be installed on a floor.

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Table 1.1

Add a new Note (3) as follows:

- 3 For determination of CO/CO₂ ratio and NO₂ emission rate of hotplate burners use a 230 mm diameter vessel for all nominal gas consumptions greater than 9 MJ/h.

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Clause 2.1.4

Delete existing text and *replace* with the following:

Where a programmable electronic system (PES) is employed for safety related functions of burner management systems, the PES shall conform to the relevant requirements of AS 4625 and EN 298 (or equivalent).

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Clause 2.8.15

Delete existing text and *replace* with the following:

For enclosed burners and pilots, either—

- (a) the burner shall be protected by a flame safeguard; or
- (b) any ports and injectors that may be exposed in their normal operation to falling particles, grease drippings, accidental spills or boilover shall be protected against blockage.

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Clause 2.11.2

Add the following new Items (s) and (t) as follows:

- (s) Suitability for installation and operation with aftermarket lids or covers fitted.
 - (t) Clearances from combustible bench top lids or covers if the manufacturer's instructions allow such installations (see Clause 2.11.2(s)).
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Clause 5.6.1

- 1 After the second paragraph, *insert* the following new paragraph:

Where a cooking appliance is intended to be installed in a caravan or boat, the appliance shall be tested with clearances as specified in the manufacturer's instructions. This shall include clearances from combustible lids, if the manufacturer's instructions allow such installations.

- 2 In the fourth paragraph, *delete* 'All hotplate burners are lit and a standard test vessel (see Clause 1.3.90) containing water is placed on each burner.' and *replace* with the following:

All hotplate burners are lit and a standard test vessel (see Clause 1.3.90) containing water is placed on the centre of each burner such that a distance of at least 10 mm shall be provided between the side surfaces of each vessel. No vessel shall overlap the edges of the hotplate. Select vessels starting with the burner having the smallest gas consumption and where it is impossible to comply with the above arrangement select the next smallest vessel from Table 1.1 that allows this arrangement to be fulfilled.

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Clause 5.6.2

Delete existing Item (b) and *replace* with the following:

- (b) 75°C above ambient when installed in the absence of any special conditions including all adjacent surfaces and overhangs.
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Clause 5.11.1

Delete existing text and *replace* with the following:

The appliance shall not tilt when a mass is applied to the open oven door at a distance of 25 mm from the outer edge, when tested in accordance with—

- (a) M.O.T. 5.11.1(a) for all appliances; and
- (b) M.O.T. 5.11.1(b) for all freestanding cooking appliances.

For a freestanding cooking appliance installed in accordance with manufacturer's instructions and secured by a stabilizing device supplied by the manufacturer, it shall be possible to install the stabilizing device within the confines of a cupboard recess 20 mm wider than the appliance, with the back of the appliance against a wall.
