

STANDARDS AUSTRALIA

Amendment No. 2
to
AS 4557—2004
Domestic outdoor gas barbecues

REVISED TEXT

The 2004 edition of AS 4557 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to Clauses 1.2.18B (New), 1.2.19A (New), 1.2.68B (New), 1.2.74 (New), 2.1.4, 2.1.14, 2.1.14A, 2.1.15.1, 2.1.19 (New), 2.1.24 (New), 2.1.25 (New), 2.1.26 (New), 2.2.1, 2.2.3, 2.2.9 (New), 2.2.10 (New), 2.2.11 (New), 2.3.7 (New), 2.4.5, 2.4.6 (New), 2.4.7 (New), 2.4.8 (New), 2.7.2, 2.7.4, 2.7.6 (New), 2.8.5, 2.8.7 (New), 2.8.8 (New), 2.9.2, 5.1.3.1, 5.1.3.2 and 5.3.2, Appendices B and D.

Published on 28 June 2012.

Clause 1.2.18B (New)

Insert new term and definition after Clause 1.2.18A, as follows:

1.2.18B Detachable trolley

A trolley designed to allow the removal of a BBQ by the user without the use of tools or undue force.

Clause 1.2.19A (New)

Insert new term and definition after Clause 1.2.19, as follows:

1.2.19A Enclosed burner

A burner that is not readily visible to the operator during normal operation of the appliance.

Clause 1.2.68B (New)

Insert new term and definition after Clause 1.2.68A, as follows:

1.2.68B Tabletop barbecue

A BBQ designed to be supported by furniture or a fixture and/or located in a detachable trolley.

Clause 1.2.74 (New)

Insert new term, definition and Notes after Clause 1.2.73, as follows:

1.2.74 Working surface

A surface that is intentionally heated by an internal heat source and that has to be hot to carry out the function for which the equipment is intended to be used.

NOTES:

- 1 For example, burners and BBQ plates.
- 2 Hot surfaces on equipment may be as a consequence of how the output is generated (e.g. flue outlets, hot air vents, draught diverters, BBQ hoods, cooking hobs), and these surfaces are considered, in terms of their treatment, as equivalent to a working surface.

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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 2.1.14

Insert the word 'Mobile' at the beginning of the clause as follows:

Mobile LPG barbecues shall be provided with—

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Clause 2.1.14A

Delete existing text and *replace* with the following:

A compartment shall be permanently separated from the combustion area to prevent the ignition of escaping gas within the cylinder compartment.

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Clause 2.1.15.1

Delete existing title and text and *replace* with the following:

2.1.15.1 *Ventilation of cylinder compartments for cylinders exceeding 1.25 kg gas capacity*

Cylinder compartments shall have permanent openings ventilating directly to the outside of the appliance, and consisting of either—

- (a) perforations, uniformly distributed over the height of the enclosure and with a total free area of not less than 25% of the sidewall area; or
 - (b) separate openings at high and low level, such that—
 - (i) the total free area at high level is not less than 20 000 mm² and is within 125 mm of the top of the cylinder compartment; and
 - (ii) the total free area at low level is not less than 20 000 mm², and—
 - (A) at least 25% of the required area is within 15 mm of the base of the cylinder compartment;
 - (B) the total required area is within 125 mm of the base of the cylinder compartment; and
 - (C) the openings cannot be obstructed by the cylinder(s).
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Clause 2.1.19 (New)

1 *Add* new Clause as follows:

2.1.19 Protection of cylinder, hose and regulator

Any cylinder, hose or regulator shall be permanently protected from spillover from vessels or cooking residues, fats or other falling particles. Compliance shall be assessed with removable grease trays and cups omitted.

2 *Renumber* existing Clauses 2.1.19 to 2.1.21 as Clauses 2.1.20 to 2.1.22.

3 *Delete* existing Clause 2.1.22. The subject is covered in new Clause 2.1.19.

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Clause 2.1.24 (New)

Add new Clause as follows:

2.1.24 Jointing

Joints shall not depend for their mechanical strength solely upon cement or jointing compounds.

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Clause 2.1.25 (New)

Add new Clause as follows:

2.1.25 Protection of wiring and controls from weather conditions

Appliances shall have all controls and electrical wiring adequately protected from damage and weather conditions to ensure safe and reliable operation.

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Clause 2.1.26 (New)

Add new Clause as follows:

2.1.26 Prevention of separation of barbecues from detachable trolleys

For a tabletop barbecue supported by a detachable trolley, means shall be provided to prevent inadvertent separation of the barbecue from the trolley.

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Clause 2.2.1

Delete existing text and replace with the following:

The quality and thickness of the materials used in the construction of an appliance, and the method of assembling the various parts, shall be such that the constructional and performance characteristics do not alter significantly under normal conditions of installation and use for a reasonable life span.

In particular, when the appliance is installed according to accepted practice, all components shall withstand the mechanical, chemical and thermal conditions to which they may be subjected in the course of normal operation.

Materials containing asbestos are prohibited.

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Clause 2.2.3

Delete existing title and text and replace with 'Text deleted'. The subject is covered by Clause 2.2.1.

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Clause 2.2.9 (New)

Add new Clause as follows:

2.2.9 Use of soft solder

Soft solder shall not be used to ensure the soundness of the gas circuit. However, it is permitted for internal connections within the gas circuit when they do not involve soundness.
