

AS/NZS 5601.2:2020

Gas installations

Part 2: LP Gas installations in caravans and boats for non-propulsive purposes

Amendment No. 2

Revised text amendment

Publishing and Approval Dates

Council of Standards Australia Approval: 20 August 2024

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Summary

This Amendment applies to the following elements:

- Global changes
- Clauses 1.1.2, 1.1.3.1, 1.1.3.4, 1.2, 1.3, 1.4, 2.2.1, 2.2.2, 2.2.3, 2.8.1, 2.8.4, 2.8.6, 2.9.1, 2.9.2, 2.9.3, 2.9.4, 2.9.5, 2.9.6, 2.13.3, 2.13.3.1, 2.13.3.2, 3.1.8, 4.2, 5.1.4.1, 5.1.4.2, 5.1.7, 5.2.7.3, 5.2.12.2, 5.2.12.3, 6, 6.1, 6.1.1, 6.1.2, 6.1.3, 6.1.4, 6.3.2, 6.3.3, 6.3.4, 6.3.5, 6.3.6, 6.5, 6.6, 6.7, 6.11.1, 7.1, 7.2, 7.3.1, 7.3.2, 7.4.1, 7.4.3, 8.1, 8.4.1, 9.2, 9.3.2.2, 9.4, 9.7, 9.8, 9.9.1, 9.10.1, 10.3.1, C.4, C.5.2, C.5.4, C.6.4, E.1.1, E.1.2, E.2.1, E.3.2.1, E.3.3.1, H.1, H.2, H.3, L.3.3.4
- Figures 3.1.8(E), 7.3.1
- Table 5.1.4.3
- Bibliography

Amendment Details

AS/NZS 5601.2:2020 is amended as follows. The amendments should be inserted in the locations as instructed.

Element		Instruction/New text
Global		Delete "living space" and replace with "living space" in all instances.
CI 1.1.2	1	In Item (e), delete "gas appliances" and replace with "appliances".
	2	In Item (f), delete "a gas appliance" and replace with "an appliance".
CI 1.1.3.1	1	First paragraph, delete "gas appliances" and replace with "appliances".
	2	Delete Note 2 and replace with the following: NOTE 2: Although this clause does not apply to the repair of an <i>appliance</i> in an existing installation, immediate steps should be taken to make safe any unsafe <i>appliance(s)</i> or gas installation.
CI 1.1.3.4		First paragraph, second sentence, delete "gas appliances" and replace with "appliances".
CI 1.2	1	Delete "AS/NZS 1869" and replace with "AS 1869 (all parts)".
	2	Delete "AS/NZS 60079.25, Explosive atmospheres, Part 25: Intrinsically safe electrical systems".



Element	Instruction/New text
	3 At end of the list of references, <i>add</i> the following: AS/NZS 1167.1, <i>Welding and brazing — Filler metals, Part 1: Filler metal for brazing and braze welding</i> EN 14324, <i>Brazing – Guidance on the application of brazed joints</i>
CI 1.3	1 Entry 1.3.27.3, <i>delete</i> “gas appliance” and <i>replace</i> with “appliance”. 2 <i>Delete</i> entry 1.3.38 and <i>replace</i> with the following: 1.3.38 hazardous area area in which an explosive gas atmosphere is present or can be expected to be present, in quantities such that special precautions for the construction, installation and use of equipment are required Note 1 to entry: This definition aligns with AS/NZS IEC 60079.10.1, which should be referred to for hazardous area requirements. 3 Entry 1.3.51, <i>delete</i> “a gas appliance” and <i>replace</i> with “an appliance”. 4 Entry 1.3.58, <i>delete</i> “a gas appliance” and <i>replace</i> with “an appliance”. 5 Entry 1.3.61, <i>delete</i> “gas appliance” and <i>replace</i> with “appliance”. 6 After entry 1.3.71, <i>add</i> the following: 1.3.72 living space space that is used for living, sleeping, eating or cooking and may include an annex or covered deck that forms a part of any item listed in Clause 1.1.1
CI 1.4	<i>Delete</i> first paragraph and <i>replace</i> with the following: Safe working practices shall be employed when working on <i>gas installations</i>. Work health and safety (WHS) requirements shall form the basis of the process of installing <i>appliances</i>. These requirements pertain to all aspects of access, installation, operation and maintenance. Persons installing <i>appliances</i> need to be aware of their responsibilities in accordance with local WHS requirements. Precautions shall be taken to avoid any electrical hazards present in the <i>gas installation</i>.
CI 2.2.1	In Item (a), <i>delete</i> “gas appliances” and <i>replace</i> with “appliances”.
CI 2.2.2	<i>Delete</i> third, fourth and fifth paragraphs and <i>replace</i> with the following: All air and contaminants shall be <i>purged</i> from the <i>pipng</i> after work on the <i>pipng</i> has been completed, and before any attempt to commission the gas installation or operate any connected <i>appliance</i>. <i>Pipng</i> shall be free of debris or other harmful material before that <i>pipng</i> is connected to an <i>appliance</i>. Immediate steps shall be taken to make safe any unsafe <i>gas installation</i> or <i>appliance</i> that may be discovered. The consumer or operator shall be notified.
CI 2.2.3	First paragraph, <i>delete</i> “gas appliances” and <i>replace</i> with “appliances”.
CI 2.8.1	First paragraph, first sentence, <i>delete</i> “gas appliance” and <i>replace</i> with “appliance”.
CI 2.8.4	<i>Delete</i> first paragraph and <i>replace</i> with the following: <i>Flues</i> shall be supported independently of the <i>appliance</i> unless the <i>appliance</i> has been designed to support the weight of the <i>flue</i>.
CI 2.8.6	1 In Item (b), <i>delete</i> “gas appliance” and <i>replace</i> with “appliance”. 2 In Item (d), <i>delete</i> “gas appliance” and <i>replace</i> with “appliance”.
CI 2.9.1	<i>Delete</i> “Gas appliances” and <i>replace</i> with “Appliances”.
CI 2.9.2	1 <i>Delete</i> Item (a) and <i>replace</i> with the following: (a) <i>Appliances</i> and equipment shall be installed in accordance with the manufacturer’s instructions.

Element	Instruction/New text
2	<i>Delete</i> Item (b) and <i>replace</i> with the following: (b) The space in which an <i>appliance</i> is installed shall be ventilated to the extent required to ensure the safe and effective operation.
3	<i>Delete</i> Item (c) and <i>replace</i> with the following: (c) <i>Appliances</i> shall be installed so that their operation is not affected by the operation of mechanical devices used to displace air, either within the same space or within a connected space.
4	<i>Delete</i> Item (d) and <i>replace</i> with the following: (d) All manufacturer's instructions accompanying the <i>appliance</i> shall be provided.
5	<i>Delete</i> Item (e) and <i>replace</i> with the following: (e) <i>Appliances</i> shall be installed so that adjacent combustible surfaces are protected from damage resulting from the thermal effects of their operation.
6	<i>Delete</i> Item (f) and <i>replace</i> with the following: (f) <i>Appliances</i> shall be connected to existing gas piping only if that <i>appliance</i> does not affect the safety or effectiveness of any parts of the gas installation.
7	<i>Delete</i> Item (g) and <i>replace</i> with the following: (g) Any safety device or system that permits an <i>appliance</i> to be operated remotely, automatically or unattended shall be of a type that ensures the <i>appliance</i> fails safe.
8	<i>Delete</i> Item (h) and <i>replace</i> with the following: (h) <i>Appliances</i> shall be supported or secured to prevent stressing of the gas piping unless the gas piping has been specifically designed and constructed to safely support the <i>appliance</i> .
9	<i>Delete</i> Item (k) and <i>replace</i> with the following: (k) <i>Appliances</i> shall include a system that prevents the uncontrolled release of gas.
10	<i>Delete</i> Note 2 and <i>replace</i> with the following: NOTE 2: Electrical supplies to <i>appliances</i> should have a readily accessible and identifiable means of isolation located adjacent to the <i>appliance</i> . Requirements for means of electrical isolation are specified in AS/NZS 3000.
CI 2.9.3	1 <i>Delete</i> clause heading and <i>replace</i> with the following: 2.9.3 Appliance location 2 First paragraph, <i>delete</i> "Gas appliances" and <i>replace</i> with "Appliances". 3 <i>Delete</i> second paragraph and <i>replace</i> with the following: An <i>appliance</i> shall be installed only in a location or on a structure capable of supporting the weight of the <i>appliance</i> .
CI 2.9.4	<i>Delete</i> clause heading and text and <i>replace</i> with the following: 2.9.4 Ventilation of the appliance space and air supply to appliances Ventilation shall ensure proper operation of the <i>appliance</i> and flueing system and maintain safe ambient conditions. The air supply to <i>appliances</i> shall provide for complete combustion of the gas. The air supply to <i>appliances</i> shall be free of any substance that could adversely affect the safe operation or durability of the <i>appliance</i> .
CI 2.9.5	1 <i>Delete</i> clause heading and <i>replace</i> with the following: 2.9.5 Appliance connection and isolation 2 First paragraph, <i>delete</i> "gas appliances" and <i>replace</i> with "appliances".
CI 2.9.6	1 First paragraph, <i>delete</i> "gas appliance" and <i>replace</i> with "appliance".