

Mobile Catering Vehicles

AS/NZS 5601:2013 installation checklist



Commercial cooking equipment installations must comply with the relevant clauses of AS/NZS 5601.1:2013.

This installation check list is intended to provide a minimum inspection guide for mobile catering vehicles, and is not intended as a complete and comprehensive compliance reference.

Depending on the individual installation presented for inspection, the Gas Safety Officer may seek evidence of compliance with other relevant sections of AS/NZS 5601.1:2013, Parts 1 and 2.

LPG cylinder installation and associated consumer piping is required to comply with AS/NZS 5601:2013, Part 2. Commercial cooking equipment is required to comply with the relevant clauses of AS/NZS 5601:2013, Part 1.

GA number:

Vehicle ID:

Complying with the relevant clauses of AS/NZS 5601.1:2013

Mark the applicable box in the following tables with an 'X'.

LPG cylinders and consumer piping AS/NZS 5601.1:2013, Part 2

Cylinders

AS/NZS clause number and requirement	Complies	Not applicable
3.2.2 Clearance from Ignition sources (Figure 3.1)		
Clearance from vehicle openings (Fig 3.2B)		
3.2.3 Located externally on chassis		
3.3.1 Cylinder restraints		
3.4.1 Located in a cylinder compartment		
Stores cylinder and regulator only		
Drain installed, correct position, correct outlet direction		
Drain not obstructed		
Door Vented		
Sealed from vehicle (external access)		
Sealed from vehicle (internal access) Refer 3.4.5.1 Max 2 x 15Kg		
Water and corrosion resistant		
No tool required on door		

AS/NZS clause number and requirement	Complies	Not applicable
Signage (3.4.6)		

Regulators

AS/NZS clause number and requirement	Complies	Not applicable
4.1 Certified to AS4621 or UL 144		
Over Pressure Protection		
4.3 Mounting Point		
Drains back to cylinder		

Consumer piping

AS/NZS clause number and requirement	Complies	Not applicable
5.1.1 Location (Not subject to damage)		
5.1.4.1 High pressure (Cylinder outlet to Regulator Inlet)		
Copper pigtail		
Hose assembly (Table 5.1 Excess Flow Valve)		
5.1.5 Cylinder connections (hose assembly and copper pigtails)		
5.1.4.2 Low pressure (outlet of cylinder regulator to appliances)		
Copper (fully annealed) (refer table 5.1 and 5.1.4.4 approved joint system) Note: (copper pressfit and composite piping not permitted)		
Hose assembly (see C 5.2.5)		
Stainless Steel		
5.2.1 Secured, Protected, Wall & floor penetration protection.		
Clearance from electrical service		
5.2.2 Main run external. Separate branch risers to each appliance.		

Pipework and appliance test AS/NZS 5601:1.2013, Part 2 (Appendix F)

AS/NZS clause number and requirement	Complies	Not applicable
F2.1(e) Pressure test to 14kPa appliance valves closed		
F3.2 Operating pressure appliances valves open		

Appliance installation AS/NZS 5601:1.2013, Part 2

AS/NZS clause number and requirement	Complies	Not applicable
6.3 Appliance has system to prevent uncontrolled release of gas (safety device thermocouple)		
2.9.1 Hot Water Heater (room Sealed) Internal		
8.1 Flue terminals (refer Table 8.1)		
6.2 Stowed appliances		

Appliance installation AS/NZS 5601:1.2013, Part 1 (commercial catering equipment)

AS/NZS clause number and requirement	Complies	Not applicable
5.9.1 Hose assembly. Certified to AS/NZS 1869.		
5.9.5 Operating Conditions		
Not subject to strain, abrasion, kinking, permanent deformation or Damage by vermin		
5.9.7 Permanently connected to appliance and consumer piping		
6.6.3 Means of isolation (Table 6.4)		
6.6.4 Means of disconnection		
6.6.5 Appliance gas pressure regulator installed		
6.1.2 Type A appliances certified		
6.2.5 Temperature limitation of combustible surfaces		
Installed in accordance with manufactures instructions		
Non-combustible surface and wall / floor construction		
6.10.2.3 Clearance to combustibles as per Table 6.10		
Protected in accordance with Appendix C (Protection of Combustibles Report supplied)		
6.10.2.2 Clearances to Grease Filters		
6.10.2.4 Clearance from combustible surface the appliance is installed on		
6.10.19 Outdoor barbecues (located outdoors as per Appendix I)		

Ventilation AS/NZS 5601:1.2013, Part 2

AS/NZS clause number and requirement	Complies	Not applicable
7.2 Permanent High Level and Low Level Ventilation		
7.3.1 Ventilation total free area $V = (610 \times U) + (650 \times P)$		
(Note: if no sleeping spaces $P = 0$, therefore $650 \times 0 = 0$)		

AS/NZS clause number and requirement	Complies	Not applicable
Formula $V = 610 \times U$ (total MJ rating) Vmm² minimum free area square millimetres		
7.4.1 Cross Ventilation		
7.4.2 High level ventilation from ceiling		
7.4.3 Low level ventilation from floor		
7.4.4 Vent warning label		

Notes