

Commercial Kitchen Installation

AS/NZS 5601.1:2013 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 assist you, the licensed gas fitter, with achieving a compliant gas installation on the first inspection. It is not a complete and comprehensive list of clauses to ensure compliance and must be used in conjunction with AS/NZS 5601.1:2013.

Depending on the installation being inspected, the Gas Safety Officer may seek evidence of compliance with other relevant sections of AS/NZS 5601.1:2013.

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

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

Consumer Piping & Appliance Installation AS/NZS 5601.1:2013

AS/NZS clause number and requirement	Complies	Not applicable
5.2.9 Occupancy isolation valve		
Sign attached		
5.3.8 Valve joints permanent if concealed		

Hose Assemblies

AS/NZS clause number and requirement	Complies	Not applicable
5.9.1 Hose assembly (certified AS/NZS1869)		
5.9.5 Not strained or deformed		
5.3.7 Consumer piping off the floor (hose)		
6.2.14 Appliance restrained		
5.9.7 Quick connect device with isolation		
6.6.3 Appliance isolation accessible (before hose)		
6.6.4 Appliance disconnection (after isolation valve)		
6.6.5 Appliance regulator accessible (after isolation valve)		

Appliance installation

AS/NZS clause number and requirement	Complies	Not applicable
6.1.2 Appliances certified		
6.1.3 Converted to manufacturer's instructions		
6.1.2 Second hand appliances certified, check sheets completed		

AS/NZS clause number and requirement	Complies	Not applicable
6.2.5 Temperature limitation on combustible surfaces Select one of the following options:		
- clearances per manufacturer, or		
- non-combustible surface, or		
- letter attached (combustible surfaces 'means to comply' report).		
6.10.2.3 Clearances around catering equipment (Table 6.10)		
or Protected (Appendix C, C2)		
6.3.7 Appliance above cooking source (e.g. Salamander)		
6.10.2.2 Clearance to grease filters (Table 6.9)		
6.10.2.4 Installed on combustible surface		
6.2.2 Appliance installed to manufacturers installation instruction's		
6.3.3 Appliance accessible for removal		
6.3.4 Appliance not a hazard to building or person		
6.10.2.5 Domestic cooker in a commercial installation		
6.3.1 Open flued appliance in commercial kitchen area (No negative pressure at downdraft diverter)		
6.5.1 Automatic fire system interlocked with gas line (sprinklers in canopy)		
6.5.3 Solenoid reactivation is safe		

Test Procedure Appendix E

AS/NZS clause number and requirement	Complies	Not applicable
E4 New pipe test 7kpa or 1.5 times operating pressure (greater of) appliance valves closed No pressure loss		
E5 Appliance installation test operating or 2kpa appliance valves open No pressure loss		
E6 Existing installation test at operating or 2kpa No pressure loss		

Appliance Ventilation

AS/NZS clause number and requirement	Complies	Not applicable
<p>Example: Ventilation adequate $T \div V = H$ T = total MJ excluding room sealed appliances in MJ/hr V = total room volume in m³ H = value (if H is less than 3MJ/hr/m³ then NO additional ventilation is required)</p>		
<p>6.4.4.3 Natural ventilation required ($A=F \times T$) A = minimum free ventilation area in mm² F = factor in Table 6.1 T = Total MJ excluding room sealed appliances in MJ/hr</p>		
<p>6.4.4.5 Location of vents</p>		
<p>6.4.8 Mechanical ventilation (Table 6.3)</p>		
<p>6.4.9 Interlocked air supply to gas appliances</p>		

Notes
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