

Commercial Kitchen Installation

AS/NZS 5601.1:2022 Installation Checklist

Commercial kitchen installations must comply with the relevant clauses of AS/NZS 5601.1:2022 as of 31 March 2023.

This installation checklist in conjunction with the commercial kitchen installation video 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 5601.1:2022.

Depending on the installation being inspected, the Gas Safety Officer may seek evidence of compliance with other relevant sections of AS/NZS 5601.1:2022.

Complying with the relevant clauses of AS/NZS 5601.1:2022

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

AS/NZS clause number and requirement	Complies	Not applicable
5.2.9.2 Commercial Kitchen isolation		
Sign attached		
5.3.8 Valve joints permanent if concealed		

Hose Assemblies

AS/NZS clause number and requirement	Complies	Not applicable
6.10.2.7 Hose assembly connection to freestanding equipment		
5.9.5 Not subject to strain, kinking or permanent deformation		
5.3.7 Consumer piping off the ground (hose)		
6.2.14 Appliance restrained		
5.9.6 Hose assembly connecting appliance		
6.6.3 Means of isolation		
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 and safe to operate		

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 6.10.2.3)		
or Protected (Appendix C, C2)		
6.3.7 Appliance above cooking source (e.g. Salamander)		
6.10.2.2 Clearance to grease filters (Table 6.10.2.2)		
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		
6.10.1.15 Domestic cooking appliance in 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 Gas shut off controls interfaced with fire alarm system		

Test Procedure Appendix E

AS/NZS clause number and requirement	Complies	Not applicable
E4 New pipework test 7kpa or 1.5 times operating pressure whichever is the greater with appliance valves closed No pressure loss		
E5 Appliance installation test at operating pressure or 2kpa whichever is the greater with appliance valves open No pressure loss		
E6 Existing installation test at operating pressure or 2kpa whichever is the greater No pressure loss		

Appliance Ventilation

AS/NZS clause number and requirement	Complies	Not applicable
Example: Ventilation adequate $T \div V = H$ T = total MJ excluding room sealed appliances in MJ/hr V = total room volume in m ³ H = value (if H is less than 3MJ/hr/m ³ then NO additional ventilation is required)		
6.4.5.3 Natural ventilation required ($A=F \times T$) A = minimum free ventilation area in mm ² F = factor in Table 6.1 T = Total MJ excluding room sealed appliances in MJ/hr		
6.4.5.5 Location of vents		
6.4.9 Mechanical ventilation (Table 6.3)		
6.4.10 Interlocked for air supply to gas appliances		

Notes