

Appliances standards – what BSI can certify and test.

Cooking appliances

Household equipment

BS EN 30-1-1, 2, 3, 4	Domestic cooking appliances burning gas – safety	
BS EN 30-2	Domestic cooking appliances burning gas – rational use of energy	
BS EN 60335-2-6	Safety of household and similar electrical cooking appliances	
BS EN 15181	Energy performance of household gas ovens	
BS EN 484	Specification for dedicated liquefied petroleum gas appliances	

Commercial equipment

BS EN 203-1	Gas heated catering equipment – general safety requirements	
BS EN 203-2 (part 1-11)	Gas heated catering equipment	
BS EN 60335-2-75	Safety of commercial dispensing appliances and vending machines	
BS EN 60335-2-89	Safety of commercial refrigerating appliances	

Overseas standards

ANSI Z21.1	USA & Canadian standard for household cooking appliances	
SANS 1539	South African national standard for safety of gas appliances	

Water heating appliances

Household

BS EN 297	Type B 1 1 and B 1 1 BS gas boilers not exceeding 70kW	
BS EN 483	Type C gas boilers not exceeding 70kW	
BS EN 625	Domestic hot water operation of combination boilers not exceeding 70kW	
BS EN 677	Condensing gas boilers not exceeding 70kW	
BS EN 15502-1	Boilers, general requirements	
BS EN 15502-2-1	Boilers not exceeding 1000kW	
BS EN 50465	Fuel cell heating appliances	
BS 7977-2	Combined fire/back boiler or circulator	
BS EN 26	Gas fired instantaneous water heaters	
BS EN 89	Gas fired storage water heaters	
BS EN 13203-2	Gas fired water heaters – assessment of energy consumption	
BS EN 304	Heating boilers with atomising oil burners	
BS EN 15034	Condensing heating boilers for fuel oil	
BS EN 15035	Oil fired room sealed units up to 70kW	

Commercial

BS EN 303	Heating boilers with forced draught gas burners	
BS EN 676	Automatic forced draught burners	
BS EN 656	Type B boilers exceeding 70 kW, but not exceeding 300 kW	
BS EN 13836	Type B boilers exceeding 300 kW, but not exceeding 1000kW	
BS EN 15417	Condensing boilers greater than 70kW but not exceeding 1000kW	

Space heating and air conditioning appliances

Household

BS EN 509	Decorative fuel effect gas appliances	
BS EN 613	Independent gas fired convection heaters	
BS 7977-1	Radiant / convector gas fires	
BS EN 13278	Open – fronted gas fired space heaters	
BS EN 14829	Gas fired flueless space heater	
BS EN 449	Flueless LPG space heaters	
BS EN 778	Gas fired domestic air heaters without fan not exceeding 70kW	
BS EN 1319	Gas fired domestic fan-assisted air heaters	
BS EN 1196	Condensing gas fired air heaters	
BS EN 60335-2-30	Household electrical room heaters	

Commercial space heating appliances

BS 5990	Direct gas fired convection air heaters up to 2MW	
BS 5991	Indirect gas fired convection air heaters up to 2MW	
BS EN 525	Direct fired forced convection or heaters up to 300kW	
BS EN 621	Forced convection gas fired air heaters up to 300kW	
BS EN 1020	Fan assisted gas fired air heaters up to 300kW	
BS EN 12669	Gas fired agricultural air heaters	
BS EN 461	LPG non-domestic space heaters up to 10kW	
BS EN 1596	Mobile and portable non-domestic LPG air heaters	

Commercial radiant heating appliances

BS EN 416-1	Gas fired overhead radiant tubes – safety	
BS EN 416-2	Gas fired overhead radiant tubes – rational use of energy	
BS EN 419-1	Gas fired overhead luminous heaters – safety	
BS EN 419-2	Gas fired overhead luminous heaters – rational use of energy	

Leisure appliances











BS EN 521	Portable vapour pressure gas appliances	
BS EN 498	LPG gas barbecues for outdoor use	
BS EN 484	Independent LPG hotplates for outdoor use	
BS EN 15033	LPG storage water heaters for vehicles and boats	
BS EN 624	LPG heaters for vehicles and boats	
BS EN 14543	Flueless gas fired patio heaters	
BS EN 1860-1	Charcoal barbecues	

Overseas standards

SANS 1539	South African national standard for safety of gas appliances	
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Continued overleaf >>

Other appliances






















BS EN 1458-1	Household gas fired tumble dryers – gas safety	 
BS EN 732	LPG gas absorption refrigerators	 
BS EN 12752-1	Commercial gas fired tumble dryers – safety	
BS EN 60335-2-11	Household and similar electrical washing machines	 
BS EN 60335-2-24	Household and similar electrical refrigerating, ice-creams appliances and ice makers	 
BS EN 50564	Electrical and electronic household and office equipment. Measurement of low power consumption	

Controls and ancillary items








Safety related electronic controls

BS EN 298	Burner control systems for gas appliances	 
BS EN 12067-2	Electronic gas/ air ration controls	 
BS EN 60730-1	Controls for household electrical appliances – General	
BS EN 60730-2-9	Temperature sensing controls or household electrical appliances	 
BS EN 14459	Electronic control systems used in gas appliances	 
ANSI Z21.20	USA standard for automatic gas ignition systems	
ISO 23550	Automatic burner control systems	
ISO 23552-1	International standard – gas/air ration controls for gas/oil appliances	


Gas-carrying controls

BS EN 331	Manually operated ball valves	 
BS 1552	Taper plug valves	
BS EN 161	Automatic shut-off valves for gas appliances	 
BS EN 88	Pressure regulators for gas appliances	 
BS EN 126	Multi-functional controls for gas appliances	 
BS EN 125	Flame supervision devices for gas appliances	 
BS 6047 Part 1	Flame supervision devices for gas appliance	
BS EN 1106	Gas taps for gas appliances	 
BS EN 13611	Safety and control devices intended for use in gas appliances	 
BS EN 257	Mechanical thermostats for gas burning appliances	 
BS EN 12864	LPG low pressure regulators	 
BS EN 60335-2-102	Gas, oil and solid-fuel burning appliances having electrical connections	 

Ancillaries related to gas appliances
















BS EN 1856	Metal chimneys	
BS EN 14471	Plastic chimneys for gas appliances	
BS EN 13502	Masonry flue blocks and terminals	
BS EN 15069	Safety gas connections for metal hose assemblies	 
BS EN 14800	Corrugated metal hose assemblies	 
BS 669 parts 1 and 2	Flexible hoses, end fittings, and sockets for gas appliances	
BS EN 15266	Corrugated stainless steel flexible tubing used for gas supply	

Meters and monitors






BS EN 50291	Electrical apparatus for the detection of carbon monoxide in domestic premises	
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Australia / New Zealand standards

Appliances

AS 5263.0	Gas appliances part 0: general, requirements	
AS/NZS 5263.1.1	Domestic gas cooking appliances	
AS/NZS 5263.1.2	Gas fired water heaters	
AS/NZS 5263.1.3	Gas space heating appliances	
AS/NZS 5263.1.6	Indirect gas-fired ducted air heaters	
AS/NZS 5263 1.7	Domestic outdoor gas barbecues	
AS/NZS 5263.1.8	Decorative effect gas appliances	
AS 4554	Gas laundry dryers	
AS 4555	Domestic gas refrigerators	
AS 4560	Gas pool heaters	
AS 4563	Commercial gas catering equipment	
AS 4565	Radiant gas heaters for outdoor and non-residential indoor use	
AS 4643	Overhead radiant tube gas heaters	
AS 5262	LPG mobile industrial direct fired air heaters	
AS 2658	LPG portable and mobile appliances	

Components*

AS 4617	Manual shut-off gas valves	
AS 4618	Gas appliance regulators	
AS 4624	Combination controls for gas	
AS 4629	Automatic shut-off valves and vent valves	
EN 298	Automatic gas burner control systems	

*This is a selection of standards. Other standards are available.

Key:  BSI Kitemark scheme available on this standard



Australia/New Zealand gas safety certification available through BSI

 CE marking is available on this standard

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