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Factsheet:

Gas Valves and Appliance Testing and Certification



Cooking Appliances (Household and Commercial)

- **BS EN 30-1-1, 2, 3, 4:** Domestic cooking appliances burning gas – Safety
- **BS EN 30-2:** Rational use of energy for domestic gas cooking appliances
- **BS EN 15181:** Energy performance of household gas ovens
- **BS EN 484:** Specification for dedicated liquefied petroleum gas appliances
- **BS EN 203-1:** Gas heated catering equipment – General safety
- **BS EN 203-2 (parts 1–11):** Gas heated catering equipment – Specific requirements



Water Heating Appliances

- **BS EN 297, BS EN 483, BS EN 625, BS EN 677:** Gas boilers not exceeding 70 kW
- **BS EN 15502-1, BS EN 15502-2-1:** Boilers requirements up to 1000 kW
- **BS EN 50465:** Fuel cell heating appliances
- **BS EN 26, BS EN 89:** Gas-fired instantaneous and storage water heaters
- **BS EN 13203-2:** Energy consumption of gas-fired water heaters



Space Heating and Air Conditioning

- **BS EN 509, BS EN 613, BS EN 13278, BS EN 14829, BS EN 449:** Gas heaters for domestic spaces
- **BS EN 778, BS EN 1319, BS EN 1196:** Gas-fired domestic air heaters
- **BS 5990, BS 5991, BS EN 525, BS EN 621, BS EN 1020:** Commercial gas space heating



Commercial Radiant Heating

- **BS EN 416-1/2, BS EN 419-1/2:** Gas-fired overhead radiant and luminous heaters



Leisure Appliances

- **BS EN 521:** Portable gas appliances
- **BS EN 498:** LPG gas barbecues
- **BS EN 484:** LPG hotplates
- **BS EN 14543:** Flueless patio heaters



Other Appliances

- **BS EN 1458-1:** Gas-fired tumble dryers
- **BS EN 732:** LPG gas absorption refrigerators



Controls, Valves, and Ancillaries

- **BS EN 298:** Automatic burner control systems for gas burners and appliances
- **BS EN 12067-2:** Gas/air ratio control systems
- **BS EN 14459:** Electronic control devices for burners and appliances
- **BS EN 331:** Manually operated ball valves and taper plug valves for gas installations
- **BS EN 161:** Automatic shut-off valves for gas burners and appliances
- **BS EN 88:** Pressure regulators and governors for gas appliances
- **BS 1552:** Manual gas valves for domestic appliances
- **BS EN 14800:** Corrugated safety metallic hose assemblies for gas
- **BS EN 15069:** Safety requirements for manually operated shut-off valves
- **BS EN 126:** Multifunctional gas controls
- **BS EN 125:** Flame Supervision Devices
- **BS EN 13611:** Safety and Control Devices
- **BS EN 1106:** Gas Taps



Overseas Standards

- **ANSI Z21.1:** USA/Canada household gas cooking
- **SANS 1539:** South African gas appliance safety
- **AS/NZS 5263:** Australia/New Zealand gas appliances (cooking, heating, BBQs)

Additional areas you may be interested in



CE Marking

CE marking is a mandatory conformity mark for products sold in the European Economic Area (EEA). It confirms that a product meets EU health, safety, and environmental protection standards, and is approved for sale across EU member states.



UKCA Marking

UKCA (UK Conformity Assessed) marking is the UK's post-Brexit equivalent of CE marking. Required for most goods sold in Great Britain, it demonstrates that a product complies with UK regulations and is safe for the local market.

Gas Appliance Regulation (GAR)

GAR establishes essential safety, energy, and fitting requirements for gas appliances in the EU and UK. Products must meet GAR requirements to receive CE or UKCA marking.



BSI Kitemark™

The BSI Kitemark™ is a voluntary certification mark that signifies a product has been independently tested and proven to meet rigorous safety, quality, and performance standards. Recognised by consumers, retailers, and regulators, it helps differentiate products and build trust in your brand.

Start your gas appliance journey:

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