**GAS BOILER SYSTEM COMMISSIONING CHECKLIST**

**This Commissioning Checklist is to be completed in full by the competent person who commissioned the boiler as a means of demonstrating**

**compliance with the appropriate Building Regulations and then handed to the customer to keep for future reference.**

Failure to install and commission according to the manufacturer’s instructions and complete this Benchmark Commissioning Checklist will invalidate the warranty. This does not affect the customer’s statutory rights.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Customer name: | | [custName] | | | | | | | | Telephone number: | | | | | | | [tel1] | | | | | | | | | | | | | | | | | | | | | | |
| Address: | [address1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boiler make and model: | | [makeModel] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boiler serial number: | | [serial] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioned by (PRINT NAME): | | | [commission] | | | | | | | Gas Safe register number: | | | | | | | | | | 7939 | | | | | | | | | | | | | | | | | | | |
| Company name: | | GASWAY | | | | | | | | Telephone number: | | | | | | | | | | 01603 404755 | | | | | | | | | | | | | | | | | | | |
| Company address: | | 18 BURNET ROAD, SWEET BRIAR IND EST, NORWICH , NR3 2BS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | Commissioning date: | | | | | | | | | | [commDate] | | | | | | | | | | | | | | | | | | | |
| **To be completed by the customer on receipt of a Building Regulations Compliance Certificate\*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Regulations Notification Number (if applicable): | | | | | | | | [Breg] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **CONTROLS** (tick the appropriate boxes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Time and temperature control to heating | | | | | Room thermostat and programmer/timer | | | | | | | | | | | | | [a] | | | | Programmable room thermostat | | | | | | | | | | | | | | | | | [h] |
| Load/weather compensation | | | | | | | | | | | | | [b] | | | | Optimum start control | | | | | | | | | | | | | | | | | [i] |
| Time and temperature control to hot water | | | | | Cylinder thermostat and programmer/timer | | | | | | | | | | | | | [c] | | | | Combination Boiler | | | | | | | | | | | | | | | | | [j] |
| Heating zone valves | | | | | Fitted | | | | | | | | | | | | | [d] | | | | Not required | | | | | | | | | | | | | | | | | [k] |
| Hot water zone valves | | | | | Fitted | | | | | | | | | | | | | [e] | | | | Not required | | | | | | | | | | | | | | | | | [l] |
| Thermostatic radiator valves | | | | | Fitted | | | | | | | | | | | | | [f] | | | | Not required | | | | | | | | | | | | | | | | | [m] |
| Automatic bypass to system | | | | | Fitted | | | | | | | | | | | | | [g] | | | | Not required | | | | | | | | | | | | | | | | | [n] |
| Boiler interlock | | | | | | | | | | | | | | | | | | | | | | Provided | | | | | | | | | | | | | | | | | [o] |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **ALL SYSTEMS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The system has been flushed and cleaned in accordance with BS7593 and boiler manufacturer’s instructions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [p] |
| What system cleaner was used? | | | | | | [cleaner] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| What inhibitor was used? | | | | | | [inhibitor] | | | | | | | | | | | | | | | | | | | | | | | Quantity | | | | | [quantity] | | | | litres | |
| Has a primary water system filter been installed? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | [q] | | | No | | | | [r] |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **CENTRAL HEATING MODE** measure and record: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gas rate | | | | | | [gasRate1] | | | | | | | | | | m3/hr | | | | | **OR** | | | | | | | | |  | | | | | | | ft3/hr | | |
| Burner operating pressure (if applicable) | | | | | | [burnPress1] | | | | | | | | | | mbar | | | | | **OR** Gas inlet pressure | | | | | | | | | [burnPress2] | | | | | | | mbar | | |
| Central heating flow temperature | | | | | | [flowTemp] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | °C | |
| Central heating return temperature | | | | | | [returnTemp] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | °C | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **COMBINATION BOILERS ONLY** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Is the installation in a hard water area (above 200ppm)? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | [s] | | | No | | | [u] |
| If yes, and if required by the manufacturer, has a water scale reducer been fitted? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | [t] | | | No | | | [v] |
| What type of scale reducer has been fitted? | | | | | | [scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DOMESTIC HOT WATER MODE** measure and record | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gas rate | | | | | | | [gasRate3] | | | | m3/hr | **OR** | | | | | | | | | | | | | | | |  | | | | | | | | | | ft3/hr | |
| Burner operating pressure (at maximum rate) | | | | | | | [burnPress3] | | | | mbar | **OR** Gas inlet pressure at maximum rate | | | | | | | | | | | | | | | | [burnPress4] | | | | | | | | | | mbar | |
| Cold water inlet temperature | | | | | | | | | | | | | | | [inletTemp] | | | | | | | | | | | | | | | | | | | | | | | °C | |
| Hot water has been checked at all outlets | | | | | | | | | | | | | | | Yes | | | | [x] | | | | | Temperature | | | [temp] | | | | | | | | | | | °C | |
| Water flow rate | | | | | | | | | | | | | | | [flowRate] | | | | | | | | | | | | | | | | | | | | | | | l/min | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **CONDENSING BOILERS ONLY** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The condensate drain has been installed in accordance with the manufacturer’s instructions and/or BS5546/BS6798 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [y] |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **ALL INSTALLATIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Record the following: | | At max. rate: | | | | | | | | | | | | CO | | [maxCO] | | | | | | | ppm | | **AND** | CO/CO2 Ratio | | | | | | | | [maxRatio] | | | | | |
| At min. rate:(where possible) | | | | | | | | | | | | CO | | [minCO] | | | | | | | ppm | | **AND** | CO/CO2 Ratio | | | | | | | | [minRatio] | | | | | |
| The heating and hot water system complies with the appropriate Building Regulations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [z] |
| The boiler and associated products have been installed and commissioned in accordance with the manufacturer’s instructions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [aa] |
| The operation of the boiler and system controls have been demonstrated to and understood by the customer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [ab] |
| The manufacturer’s literature, including Benchmark Checklist and Service Record, has been explained and left with the customer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | | | | | [ac] |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning Engineer’s Signature | | | | [engSig] | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Customer’s Signature | | | | [custSig] | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (To confirm satisfactory demonstration and receipt of manufacturer’s literature) | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |



\* All installations in England and Wales must be notified to Local Authority Building Control (LABC) either directly or through a

Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer.

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