

# Benchmark Commissioning & Warranty Validation Service Record

It is a requirement that the boiler is installed and commissioned to the manufacturers' instructions and the data fields on the commissioning checklist completed in full.

To instigate the boiler warranty the boiler needs to be registered with the manufacturer within one month of the installation. The warranty rests with the end-user (consumer), and they should be made aware it is ultimately their responsibility to register with the manufacturer, within the allotted time period.

It is essential that the boiler is serviced in line with the manufacturers' recommendations, at least annually. This must be carried out by a competent Gas Safe registered engineer. The service details should be recorded on the Benchmark Service and Interim Boiler Work Record and left with the householder. Failure to comply with the manufacturers' servicing instructions and requirements will invalidate the warranty.



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**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 manufacturers' instructions and complete this Benchmark Commissioning Checklist will invalidate the warranty. This does not affect the customer's statutory rights.

\* 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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# GAS BOILER SYSTEM COMMISSIONING CHECKLIST & WARRANTY VALIDATION RECORD

Address:											
Boiler make and model:											
Boiler serial number:											
Commissioned by (PRINT NAME):						Gas Safe registration number:					
Company name:						Telephone number:					
Company email:						Company address:					
										Commissioning date:	
Heating and hot water system complies with the appropriate Building Regulations?											Yes
Optional: Building Regulations Notification Number (if applicable):											
Time, temperature control and boiler interlock provided for central heating and hot water											Yes
Boiler Plus requirements (tick the appropriate box(s))											
Boiler Plus option chosen for combination boiler in ENGLAND						Weather compensation			Smart thermostat with automisation and optimisation		
						Load compensation			Flue Gas Heat Recovery		
Time and temperature control to hot water			Cylinder thermostat and programmer/timer						Combination boiler		
Zone valves		pre-existing		Fitted		Not required					
Thermostatic radiator valves		pre-existing		Fitted		Not required					
Automatic bypass to system		pre-existing		Fitted		Not required					
Underfloor heating		pre-existing		Fitted		Not required					
Water quality											
The system has been flushed, cleaned and a suitable inhibitor applied upon final fill, in accordance with BS7593 and boiler manufacturers' instructions											Yes
What system cleaner was used?						Brand:			Product:		
What inhibitor was used?						Brand:			Product:		
Primary water system filter		pre-existing		Fitted		Not required					
CENTRAL HEATING MODE measure and record (as appropriate)											
Gas rate (for combination boilers complete DHW mode gas rate)				m <sup>3</sup> /hr		or		ft <sup>3</sup> /hr			
Central heating output left at factory settings?						Yes		No			
If no, what is the maximum central heating output selected?											kW
Dynamic gas inlet pressure											mbar
Central heating flow temperature											°C
Central heating return temperature											°C
System correctly balanced/rebalanced?											Yes
COMBINATION BOILERS ONLY											
Is the installation in a hard water area (above 200ppm)?						Yes		No			
Water scale reducer/softener		pre-existing		Fitted		Not required					
What type of scale reducer/softener has been fitted?						Brand:			Product:		
Water meter fitted?						Yes		No			
If yes- DHW expansion vessel		pre-existing		Fitted		Not required					
Pressure reducing valve		pre-existing		Fitted		Not required					
DOMESTIC HOT WATER MODE Measure and record											
Gas rate				m <sup>3</sup> /hr		or		ft <sup>3</sup> /hr			
Dynamic gas inlet pressure at maximum rate											mbar
Cold water inlet temperature											°C
Hot water has been checked at all outlets						Yes		Temperature		°C	
CONDENSATE DISPOSAL											
The condensate drain has been installed in accordance with the manufacturers' instructions and/or BS5546/BS6798											Yes
Point of termination						Internal		External (only where internal termination impractical)			
Method of disposal						Gravity		Pumped			
ALL INSTALLATIONS											
Record the following		At max rate:		CO ppm		CO <sub>2</sub> %		CO/CO <sub>2</sub>		Ratio	
		At min rate (where possible)		CO ppm		CO <sub>2</sub> %		CO/CO <sub>2</sub>		Ratio	
Where possible, has a flue integrity check been undertaken in accordance with manufacturers' instructions, and readings are correct?											Yes
The operation of the boiler and system controls have been demonstrated to and understood by the customer											Yes
The manufacturers' literature, including Benchmark Checklist and Service Record, has been explained and left with the customer											Yes
Commissioning Engineer's signature											
Customer's signature (To confirm satisfactory demonstration and receipt of manufacturers' literature)											

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# SERVICE & INTERIM BOILER WORK RECORD

It is recommended that your boiler and heating system are regularly serviced and maintained, in line with manufacturers' instructions, and that the appropriate service / interim work record is completed.

## Service provider

When completing a service record (as below), please ensure you have carried out the service as described in the manufacturers' instructions. Always use the manufacturers' specified spare parts.

SERVICE/INTERIM WORK ON BOILER <small>delete as appropriate</small>					Date:
Engineer name:		Company name:			
Telephone N°:		Gas Safe registration N°:			
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Min rate	CO	ppm	CO <sub>2</sub>	%	CO/CO <sub>2</sub>
Where possible, has a flue integrity check been undertaken in accordance with manufacturers' instructions, and readings are correct?*					yes
Gas rate:	m <sup>3</sup> /h	OR	ft <sup>3</sup> /h		
Were parts fitted? <small>delete as appropriate</small>		Yes	No		
Parts fitted:					
System inhibitor concentration has been checked and appropriate action taken, in accordance with BS 7593 and boiler manufacturers' instructions. *					yes
					n/a
Comments:					
Signature:					

\*A System inhibitor efficacy test is required on every annual service in accordance with the manufacturers' instructions and BS 7593. It is only acceptable to not have undertaken this if the service engineers attendance visit was in between annual services to attend a non-water facing component.

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