

Appliance

Ref.

# BENCHMARK 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: <b>PELSIMMON HOMES</b>		Telephone number:
Address:		
Boiler make and model: <b>IDEAL LOGIC ESP1</b>		
Boiler serial number: <b>21543002120840</b>		
Commissioned by (PRINT NAME): <b>M. T. HARRY</b>		Gas Safe register number: <b>512488</b>
Company name: <b>M. T. H HEATING LTD</b>		Telephone number: <b>07786254388</b>
Company address: <b>14, LEWIS AVE BLIDGENO</b>		Commissioning date: <b>15/11/19</b>
To be completed by the customer on receipt of a Building Regulations Compliance Certificate*		
Building Regulations Notification Number (if applicable):		

CONTROLS (tick the appropriate boxes)			
Time and temperature control to heating	Room thermostat and programmer/timer	<input checked="" type="checkbox"/>	Programmable room thermostat
	Load/weather compensation	<input type="checkbox"/>	Optimum start control
Time and temperature control to hot water	Cylinder thermostat and programmer/timer	<input type="checkbox"/>	Combination Boiler <input checked="" type="checkbox"/>
Heating zone valves	Fitted	<input checked="" type="checkbox"/>	Not required <input checked="" type="checkbox"/>
Hot water zone valves	Fitted	<input checked="" type="checkbox"/>	Not required <input checked="" type="checkbox"/>
Thermostatic radiator valves	Fitted	<input checked="" type="checkbox"/>	Not required <input type="checkbox"/>
Automatic bypass to system	Fitted	<input checked="" type="checkbox"/>	Not required <input type="checkbox"/>
Boiler interlock			Provided <input type="checkbox"/>

ALL SYSTEMS			
The system has been flushed and cleaned in accordance with BS7593 and boiler manufacturer's instructions			Yes <input checked="" type="checkbox"/>
What system cleaner was used? <b>AEDLEY</b>			
What inhibitor was used?			Quantity litres
Has a primary water system filter been installed?			Yes <input type="checkbox"/> No <input type="checkbox"/>

CENTRAL HEATING MODE measure and record:			
Gas rate	<b>3-32</b> m <sup>3</sup> /hr	OR	ft <sup>3</sup> /hr
Burner operating pressure (if applicable)	mbar	OR Gas inlet pressure	<b>20</b> mbar
Central heating flow temperature	°C		
Central heating return temperature	°C		

COMBINATION BOILERS ONLY			
Is the installation in a hard water area (above 200ppm)?			Yes <input type="checkbox"/> No <input type="checkbox"/>
If yes, and if required by the manufacturer, has a water scale reducer been fitted?			Yes <input type="checkbox"/> No <input type="checkbox"/>
What type of scale reducer has been fitted?			

DOMESTIC HOT WATER MODE Measure and Record:			
Gas rate	<b>3-32</b> m <sup>3</sup> /hr	OR	ft <sup>3</sup> /hr
Burner operating pressure (at maximum rate)	mbar	OR Gas inlet pressure at maximum rate	<b>20</b> mbar
Cold water inlet temperature	<b>12</b> °C		
Hot water has been checked at all outlets	Yes <input type="checkbox"/>	Temperature	<b>50</b> °C
Water flow rate	<b>10</b> l/min		

CONDENSING BOILERS ONLY	
The condensate drain has been installed in accordance with the manufacturer's instructions and/or BS5546/BS6798	
Yes <input checked="" type="checkbox"/>	

ALL INSTALLATIONS				
Record the following:	At max. rate:	CO ppm	AND	CO/CO <sub>2</sub> Ratio <b>0.0017</b>
	At min. rate: (where possible)	CO ppm	AND	CO/CO <sub>2</sub> Ratio <b>0.0012</b>
The heating and hot water system complies with the appropriate Building Regulations				Yes <input checked="" type="checkbox"/>
The boiler and associated products have been installed and commissioned in accordance with the manufacturer's instructions				Yes <input checked="" type="checkbox"/>
The operation of the boiler and system controls have been demonstrated to and understood by the customer				Yes <input checked="" type="checkbox"/>
The manufacturer's literature, including Benchmark Checklist and Service Record, has been explained and left with the customer				Yes <input checked="" type="checkbox"/>

Commissioning Engineer's Signature	<b>M. T. Harry</b>
Customer's Signature	<b>[Signature]</b>
(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.

