



GAS BOILER SYSTEM COMMISSIONING CHECKLIST & WARRANTY VALIDATION RECORD

Address: 413 Goschen Place Bury Burn EH52 5JX	
Boiler make and model: Baxi 424 Combi	
Boiler serial number: WEL250410169 BC-T94	
Commissioned by (PRINT NAME):	Gas Safe registration number: 954921
Company name: MURRAY Heating Services	Telephone number: 07562023188
Company email:	Company address:
Commissioning date: 5/3/25	
Heating and hot water system complies with the appropriate Building Regulations? Yes <input checked="" type="checkbox"/>	
Optional: Building Regulations Notification Number (if applicable):	
Time, temperature control and boiler interlock provided for central heating and hot water Yes <input checked="" type="checkbox"/>	
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 <input checked="" type="checkbox"/>	
Zone valves	pre-existing <input checked="" type="checkbox"/> Fitted <input type="checkbox"/> Not required <input checked="" type="checkbox"/>
Thermostatic radiator valves	pre-existing <input checked="" type="checkbox"/> Fitted <input type="checkbox"/> Not required <input type="checkbox"/>
Automatic bypass to system	pre-existing <input type="checkbox"/> Fitted <input type="checkbox"/> Not required <input checked="" type="checkbox"/>
Underfloor heating	pre-existing <input type="checkbox"/> Fitted <input type="checkbox"/> Not required <input checked="" type="checkbox"/>
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 <input type="checkbox"/>	
What system cleaner was used?	Brand: ADEY Product: MC3
What inhibitor was used?	Brand: ADEY Product: MC1
Primary water system filter	pre-existing <input checked="" type="checkbox"/> Fitted <input type="checkbox"/> Not required <input type="checkbox"/>
CENTRAL HEATING MODE measure and record (as appropriate)	
Gas rate (for combination boilers complete DHW mode gas rate)	m ³ /hr or ft ³ /hr
Central heating output left at factory settings?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If no, what is the maximum central heating output selected?	kW
Dynamic gas inlet pressure	19 mbar
Central heating flow temperature	65 °C
Central heating return temperature	50 °C
System correctly balanced/rebalanced?	Yes <input checked="" type="checkbox"/>
COMBINATION BOILERS ONLY	
Is the installation in a hard water area (above 200ppm)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water scale reducer/softener	pre-existing <input type="checkbox"/> Fitted <input type="checkbox"/> Not required <input type="checkbox"/>
What type of scale reducer/softener has been fitted?	Brand: Product:
Water meter fitted?	Yes <input type="checkbox"/> No <input type="checkbox"/>
If yes- DHW expansion vessel	pre-existing <input type="checkbox"/> Fitted <input type="checkbox"/> Not required <input type="checkbox"/>
Pressure reducing valve	pre-existing <input type="checkbox"/> Fitted <input type="checkbox"/> Not required <input type="checkbox"/>
DOMESTIC HOT WATER MODE Measure and record	
Gas rate	m ³ /hr or ft ³ /hr
Dynamic gas inlet pressure at maximum rate	mbar
Cold water inlet temperature	14 °C
Hot water has been checked at all outlets	Yes <input checked="" type="checkbox"/> Temperature 60 °C
CONDENSATE DISPOSAL	
The condensate drain has been installed in accordance with the manufacturers' instructions and/or BS5546/BS6798 Yes <input type="checkbox"/>	
Point of termination	Internal <input type="checkbox"/> External (only where internal termination impractical) <input checked="" type="checkbox"/>
Method of disposal	Gravity <input checked="" type="checkbox"/> Pumped <input type="checkbox"/>
ALL INSTALLATIONS	
Record the following	At max rate: CO 160 ppm CO ₂ 9.6 % CO/CO ₂ 0.0015 Ratio
	At min rate (where possible) CO 15 ppm CO ₂ 8.7 % CO/CO ₂ 0.0002 Ratio
Where possible, has a flue integrity check been undertaken in accordance with manufacturers' instructions, and readings are correct? 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 manufacturers' literature, including Benchmark Checklist and Service Record, has been explained and left with the customer Yes <input checked="" type="checkbox"/>	
Commissioning Engineer's signature	
Customer's signature (To confirm satisfactory demonstration and receipt of manufacturers' 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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