



## Commissioning Report for Biomass Boilers

<b>Name of Installer:</b>    <b>Registration ID:</b> <i>(SEAI/MCS etc.)</i>
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<b>Name of Commissioner:</b> <i>(If Different From Installer)</i>    <b>Registration ID:</b> <i>(SEAI/MCS etc.)</i>
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Name of Homeowner: \_\_\_\_\_

Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Postcode: \_\_\_\_\_

Phone: \_\_\_\_\_  
*(If available)*

<b><u>Model Identification:</u></b>	<b><u>Output:</u></b>	
<input type="checkbox"/> Wood Pellet	<input type="checkbox"/> 25Kw	<input type="checkbox"/> 35Kw
<input type="checkbox"/> Wood Gasifier	<input type="checkbox"/> 35Kw	

Serial No.: \_\_\_\_\_

**Installation Details**

Date of Completion ____/____/____  Pre-existing heating system? <input type="checkbox"/> Yes <input type="checkbox"/> No  Age of Dwelling _____ years  Dwelling floor area _____ m <sup>2</sup>  Is the system for: <input type="checkbox"/> Space heating only <input type="checkbox"/> Space and water heating	<b>(1) Size of System</b>  Buffer storage volume: _____ Litres (m <sup>3</sup> )  Blending valve (Laddomat): <input type="checkbox"/> Yes <input type="checkbox"/> No  <b>(2) Commission Data (Appliance should be commissioned at 100% firing rate):</b>  CO <sup>2</sup> _____ %      Flue Gas Temp. _____ °C CO _____ ppm      Draught _____ Pa  Boiler Combustion Efficiency Test Result _____ %
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<p><b>3) Chimney/Flue</b> (Refer to TGD Part J)</p> <p>Diameter (cm) _____</p> <p>Height (m) (above roof/eaves) _____</p> <p>Distance from Adjacent Buildings (m) _____</p> <p>Distance from combustible material _____ cm</p>	<p>Construction</p> <p>Firebird Twin Wall: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Stainless Steel</p> <p><input type="checkbox"/> Masonry</p> <p><input type="checkbox"/> Other _____</p>
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<b>Installation Checklist</b>			
<b>1. Installation</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Constructional Hearth complies with Building Regulation Technical Guidance Document J:			
<b>2. Chimney and appliance flue pipe</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Size of flue complies with Firebird requirements:			
b) Flue outlet position complies with Building Regulation Technical Guidance Document J:			
c) Joints and seams of the flue pipes properly sealed to avoid flue gas leakage in the room:			
d) Chimney sweeping position / debris collection space adequate:			
e) Existing chimney swept:			
f) Chimney visually checked and smoke tested:			
<b>3. Controller and Electrical Work</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Electrical wiring correctly installed:			
b) Class 1 electrical equipment is earthed:			
c) All wiring is supported and routed correctly:			
d) Temperature sensors installed correctly:			
<b>4. Boiler and system pipes/vessels</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) System is sealed:			
b) System is open vent:			
c) System pressure has been correctly set at (bar):			
d) Overflow from safety valve sent to the drainage:			
e) Pressure relief valve and circulating pump operating correctly:			
f) No valve between boiler and safety valve:			
g) Fill and Expansion cistern complies with BS 5449:			
h) Hot water pipes insulated properly:			
i) Method of system drainage from lowest point present:			
j) Can heat from new appliance flow through existing appliance and/or vice versa:			
k) Safety controls are independent of other systems (e.g. gas or oil boiler)			
l) System heat dissipation capacity adequate:			
<b>5. Commissioning and Handover</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Commissioning of Biomass system completed and ready for hand-over:			
b) Maintenance instructions and schedules provided to customer/end user:			
c) Customer/end user has been instructed in correct operation of system:			
d) System documentation and operating manual supplied to end user:			
e) Warranty documentation provided to customer:			
f) End user has been fully informed of correct fuel for system, fuel moisture requirements and relevant storage information:			

**Other Comments:**

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Signed by Commissioning Engineer: \_\_\_\_\_

Name in Block Capitals: \_\_\_\_\_

Date: \_\_\_\_\_