

## Commissioning Report for Wood Chip or Pellet Stoves and Boilers

**Details of Installer**

Name of Installer:  
(If Different From Commissioner)

  
  

SEI Registered ID:  
(if available)

**Details of Commissioner**

Name of Commissioner:

  
  

SEI Registered ID:

### Installation Details

Name of Homeowner: \_\_\_\_\_

Installation Address  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Greener Homes Scheme  
 Grant Approval Ref No: \_\_\_\_\_

### Description of System:

#### Model Identification:

SEI Reference Code: SEI-W \_\_\_\_\_ Model \_\_\_\_\_

Manufacturer: \_\_\_\_\_ Serial No. (if avail.) \_\_\_\_\_

Make: \_\_\_\_\_ Bulk Storage: Yes  No  Capacity: \_\_\_\_\_ Tonnes(m<sup>3</sup>)

**All Information requested is MANDATORY  
 Failure to provide all information requested will result in this report being returned by SEI**

## Installation Details

Date of Completion      \_\_\_\_/\_\_\_\_/\_\_\_\_

Existing heating system?      Yes       No

Age of Dwelling      \_\_\_\_\_ years

Dwelling floor area      \_\_\_\_\_ m<sup>2</sup>

Is the system for;

- space heating only
- space and water heating

Buffer Heat Store:      Yes       No

Volume \_\_\_\_\_ Litres

### Type of System

Chip/Pellet Stove only     

Chip/Pellet Stove with Integral Boiler     

Chip/Pellet Boiler     

### (1) Size of System

Rated Peak Capacity \_\_\_\_\_ kW

Please provide detailed (drawings, calculations, other) of correct sizing of system     

### (2) Commission Data (appliance should be commissioned at 100% firing rate);

CO<sub>2</sub> \_\_\_\_\_%      Flue Gas Temp. \_\_\_\_\_ °C

CO \_\_\_\_\_ ppm      Draught \_\_\_\_\_ Pa

Boiler Combustion Efficiency Test Result \_\_\_\_\_ %

Boiler Firing rate of test \_\_\_\_\_ %

Fuel burning rate \_\_\_\_\_ kg/hr

### (3) Air Supply

*(Refer to TGD Part J)*

Combustion air:

- fan assisted
- natural draught

Direct air supply to appliance      Yes       No

Permanent Ventilation opening/s \_\_\_\_\_ in<sup>2</sup>/mm<sup>2</sup>  
*(Delete as appropriate)*

### (4) Fuel

Fuel Type \_\_\_\_\_  
(chip, pellet, logs)

Fuel Feed System Type \_\_\_\_\_  
(combined storage, auger feed, manual load etc)

Fuel Feed System Safety \_\_\_\_\_  
(water quench, air lock, etc.)

### (5) Hearth

*(Refer to TGD Part J)*

Thickness \_\_\_\_\_ cm

Area protruding around boiler \_\_\_\_\_ cm

Distance from combustible material \_\_\_\_\_ cm

### (6) Chimney/Flue

*(Refer to TGD Part J)*

Existing/new \_\_\_\_\_

Diameter (cm) \_\_\_\_\_

Height (m) (above roof/eaves) \_\_\_\_\_

Distance from Adjacent Buildings (m) \_\_\_\_\_

Construction

- Twin Wall      Yes       No
- Stainless Steel
- Masonry
- Other      \_\_\_\_\_

Distance from combustible material \_\_\_\_\_ cm

Ash Removal options \_\_\_\_\_

Comments:

<b>Wood chip / pellet system: Installation points to be checked</b>			
<b>1. Installation</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Appliance air supply complies with Building Regulation Technical Guidance Document J:			
b) Constructional Hearth complies with Building Regulation Technical Guidance Document J:			
c) Hearth supports stove / boiler & chimney independently:			
d) Safety system on fuel feed to prevent burn back adequate:			
e) Bulk Fuel Storage (min. 3 tonnes) provided:			
<b>2. Chimney and appliance flue pipe</b>	<b>Complete</b>	<b>N/A</b>	<b>Comments</b>
a) Size of flue complies with Building Regulation Technical Guidance Document J:			
b) Flue outlet position complies with Building Regulation Technical Guidance Document J:			
c) Flue pipe material complies with Building Regulation Technical Guidance Document J:			
d) Flue pipe separation from combustibile material complies with Building Regulation Technical Guidance Document J:			
e) Chimney construction complies with Building Regulation Technical Guidance Document J:			
f) Chimney separation from combustibile material complies with Building Regulation Technical Guidance Document J:			
g) Joints and seams of the flue pipes properly sealed to avoid flue gas leakage in the room?			
h) Chimney sweeping position / debris collection space adequate:			
i) Existing chimney swept:			
j) 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 and control system 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:			
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):			

5. System heat dissipation	Complete	N/A	Comments
a) System has buffer storage:			
b) System heat dissipation capacity adequate:			
6. Commissioning and Handover	Complete	N/A	Comments
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 and relevant storage information			

I hereby undertake that the **Wood Pellet/Chip Heating System** referenced above has been commissioned by me, in accordance with the prescribed commissioning report above and that I am satisfied that all of the installation points specified have been correctly followed / checked. I further declare that:

- the design and sizing of the heating system is appropriate for the requirements of the house. Calculations supporting the design and sizing are available on request;
- the particular heating system is of merchantable quality, fit for the purpose intended and free from defects;
- the installation was carried out with the degree of skill and care that is required by good, competent, workmanlike procedures, in accordance with recognised good practice and relevant national and European norms and regulations,
- the instructions of the manufacturer, and any statutory requirements and regulations, relating to the manufacture, packaging, distribution, supply, sale and purchase of such heating systems have been adhered to at all times;
- the system complies with all relevant health and safety regulations and requirements;
- the householder has been provided with all the necessary system documentation, corresponding in all respects with the system installed, and has been shown how to correctly operate the heating system
- the householder has been provided with a schedule of required maintenance noting any particular warranty conditions.

- Phase I or II:** Existing dwelling or new build
- Phase III:** the building is an **existing dwelling** and has been inhabited for a minimum of **one** year.

Signed by Commissioner	_____
Name in Block Capitals	_____
Date	_____
Date of Actual System Commissioning (If different to signature)	_____
<b>Completion of all fields is <u>MANDATORY</u>. Failure to provide all information requested will result in this report being returned by SEI</b>	