

## Renewable Heat Incentive

**Non-domestic Renewable Heat Incentive Emissions Certificate** 

This certificate provides evidence that the tested boiler meets the air quality requirements of the non-domestic Renewable Heat Incentive (RHI) – Reg 5A(3) and Schedule A1. It must be issued by a testing laboratory. Applicants applying for the RHI with biomass boilers must submit a certificate with their application, or alternatively, an environmental permit.

## BLT 0011/14, ÖkoFEN GmbH, Pellematic PE 08 to Pellematic PE 64, wood pellets

1. TEST HOUSE	Jehr- U. Fo	
a) name and address of testing laboratory	BLT Wieselburg HBLFA Francisco Josephinum AT 3250 Wieselburg, Rottenhauser Straße 1 blt@josephinum.at, http://blt.josephinum.at	
b) name and signature of the person authorised by the testing laboratory to issue the certificate	Name: DiplIng. Heinrich Prankly (For the accredited test institute) 250 West Signature:  Name: DiplHLFL-Ing. Leopold Lasselsberger (For the factual correctness)  Signature:	
c) date of issue of this certificate together	Date: 09/01/2014	
with certificate reference number *Please see Note A	Ref: BLT 0011/14	
Plant 1 – Pellematic PE 08	BLT Wieselburg test report, approval no: 010/05	
Plant 2 – Pellematic PE 10 (family member)	BLT Wieselburg, reference number: 0180/11	
Plant 3 - Pellematic PE 12 (family member)	BLT Wieselburg, reference number: 0180/11	
Plant 4 - Pellematic PE 15 (family member)	BLT Wieselburg, reference number: 0180/11	
Plant 5 – Pellematic PE 16	BLT Wieselburg test report, approval no: 011/05	
Plant 6 – Pellematic PE 20 (family member)	BLT Wieselburg, reference number: 0181/11	
Plant 7 – Pellematic PE 25 (family member)	BLT Wieselburg, reference number: 0181/11	
Plant 8 – Pellematic PE 32	BLT Wieselburg test report, approval no: 012/05	
Plant 9 – Pellematic PE 36 (family member)	BLT Wieselburg, reference number: 0179/11	
Plant 10 – Pellematic PE 48 (family member)	BLT Wieselburg, reference number: 0179/11	
Plant 11 – Pellematic PE 56 (family member)	BLT Wieselburg, reference number: 0179/11	
Plant 12 – Pellematic PE 64	BLT Wieselburg test report, approval no: 028/07	
<ul> <li>d) if testing laboratory is accredited to BS EN ISO/IEC 17025:2005, date of accreditation and accreditation number</li> </ul>	Date of accreditation: October 19, 2009 Initial date of accreditation: September 1, 1998	
(note: if testing conducted after 24 September 2013, the testing laboratory <b>must</b> <b>be</b> BS EN ISO/IEC 17025:2005 accredited)	Accreditation number: A 0112 Federal Ministry of Economy, Family and Youth Division I/12 – Accreditation Body	

2.a PLANT Please see Note B	PLANT 1	PLANT 2	PLANT 3
a) name of the plant tested	ÖkoFEN Pellematic	ÖkoFEN Pellematic	ÖkoFEN Pellematic
b) model of the plant tested	Wood pellets heating boiler Pellematic PE 08	Wood pellets heating boiler Pellematic PE 10	Wood pellets heating boiler Pellematic PE 12
c) manufacturer of the plant tested	ÖkoFEN Forschungs und Entwicklungs GmbH Gewerbepark 1 A-4133 Niederkappel, Austria		ungs GmbH
<ul> <li>d) installation capacity* of the <b>tested</b> plant in kilowatts (kW)</li> <li>*defined in the RHI Regulations as the total installed peak heat output capacity of the plant</li> </ul>	8,0 kW	10,0 kW	12,0 kW
e) is the plant a <u>manually stoked, natural</u> <u>draught</u> plant? (that is, without a fan providing forced or induced draught)	No	No	No
f) (i) the date the plant was tested* (ii) please confirm that NOx and PM have been tested on the same occasion *This is in reference to the emissions testing for PM and NOx, not any wider range of tests. A specific date is required.	27.04.2005 yes	family member	family member
g) list of all the plants in the type-testing range* of plants to which the certificate applies, if any¹ Please include the <b>installation capacity</b> of each model. *This must follow the ratio rules: If the smallest plant in the range is 500kW or less, the largest plant in the range can't be more than double the smallest. If the smallest plant in the range is over 500kW, the largest plant in the range can't be more than 500kW greater than the smallest.	Wood pellets heating boiler Pellematic PE 08 / PE 10 / PE 12 / PE 15 / PE 16 / PE 20 / PE 25 / PE 32 / PE 36 / PE 48 / PE 56 / PE 64		

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<sup>&</sup>lt;sup>1</sup> The type-testing approach enables testing laboratories to provide assurance that all boilers in a given range meet the air quality requirements, without needing to specifically test each boiler.

2.b PLANT Please see Note B	PLANT 4	PLANT 5	PLANT 6
a) name of the plant tested	ÖkoFEN Pellematic	ÖkoFEN Pellematic	ÖkoFEN Pellematic
b) model of the plant tested	Wood pellets heating boiler Pellematic PE 15	Wood pellets heating boiler Pellematic PE 16	Wood pellets heating boiler Pellematic PE 20
c) manufacturer of the plant tested	ÖkoFEN Forschungs und Entwicklungs GmbH Gewerbepark 1 A-4133 Niederkappel, Austria		ungs GmbH
<ul> <li>d) installation capacity* of the <b>tested</b> plant in kilowatts (kW)</li> <li>*defined in the RHI Regulations as the total installed peak heat output capacity of the plant</li> </ul>	14,9 kW	16,0 kW	20,0 kW
e) is the plant a <u>manually stoked, natural</u> <u>draught plant?</u> (that is, without a fan providing forced or induced draught)	No	No	No
f) (i) the date the plant was tested*   (ii) please confirm that NOx and PM have been tested on the same occasion *This is in reference to the emissions testing for PM and NOx, not any wider range of tests. A specific date is required.	family member	27.04.2005 yes	family member
g) list of all the plants in the type-testing range* of plants to which the certificate applies, if any² Please include the <b>installation capacity</b> of each model.  *This must follow the ratio rules: If the smallest plant in the range is 500kW or less, the largest plant in the range can't be more than double the smallest. If the smallest plant in the range is over 500kW, the largest plant in the range can't be more than 500kW greater than the smallest.	Wood pellets heating boiler Pellematic PE 08 / PE 10 / PE 12 / PE 15 / PE 16 / PE 20 / PE 25 / PE 32 / PE 36 / PE 48 / PE 56 / PE 64		

<sup>&</sup>lt;sup>2</sup> The type-testing approach enables testing laboratories to provide assurance that all boilers in a given range meet the air quality requirements, without needing to specifically test each boiler.

2.c PLANT Please see Note B	PLANT 7	PLANT 8	PLANT 9
a) name of the plant tested	ÖkoFEN Pellematic	ÖkoFEN Pellematic	ÖkoFEN Pellematic
b) model of the plant tested	Wood pellets heating boiler Pellematic PE 25	Wood pellets heating boiler Pellematic PE 32	Wood pellets heating boiler Pellematic PE 36
c) manufacturer of the plant tested	ÖkoFEN Forschungs und Entwicklungs GmbH Gewerbepark 1 A-4133 Niederkappel, Austria		ungs GmbH
<ul> <li>d) installation capacity* of the <b>tested</b> plant in kilowatts (kW)</li> <li>*defined in the RHI Regulations as the total installed peak heat output capacity of the plant</li> </ul>	25,0 kW	32,0 kW	36,0 kW
e) is the plant a <u>manually stoked, natural</u> <u>draught</u> plant? (that is, without a fan providing forced or induced draught)	No	No	No
f) (i) the date the plant was tested*   (ii) please confirm that NOx and PM have been tested on the same occasion *This is in reference to the emissions testing for PM and NOx, not any wider range of tests. A specific date is required.	family member	27.04.2005 yes	family member
g) list of all the plants in the type-testing range* of plants to which the certificate applies, if any³ Please include the <b>installation capacity</b> of each model. *This must follow the ratio rules: If the smallest plant in the range is 500kW or less, the largest plant in the range can't be more than double the smallest. If the smallest plant in the range is over 500kW, the largest plant in the range can't be more than 500kW greater than the smallest.	Wood pellets heating boiler Pellematic PE 08 / PE 10/ PE 12 / PE 15 / PE 16 / PE 20 / PE 25 / PE 32 / PE 36 / PE 48 / PE 56 / PE 64		PE 15 / : 36 /

<sup>&</sup>lt;sup>3</sup> The type-testing approach enables testing laboratories to provide assurance that all boilers in a given range meet the air quality requirements, without needing to specifically test each boiler.

2.d PLANT Please see Note B	PLANT 10	PLANT 11	PLANT 12
a) name of the plant tested	ÖkoFEN Pellematic	ÖkoFEN Pellematic	ÖkoFEN Pellematic
b) model of the plant tested	Wood pellets heating boiler Pellematic PE 48	Wood pellets heating boiler Pellematic PE 56	Wood pellets heating boiler Pellematic PE 64
c) manufacturer of the plant tested	ÖkoFEN Forschungs und Entwicklungs GmbH Gewerbepark 1 A-4133 Niederkappel, Austria		ungs GmbH
d) installation capacity* of the <b>tested</b> plant in kilowatts (kW) *defined in the RHI Regulations as the total installed peak heat output capacity of the plant	48,0 kW	56,0 kW	64,0 kW
e) is the plant a <u>manually stoked, natural</u> <u>draught</u> plant? (that is, without a fan providing forced or induced draught)	No	No	No
f) (i) the date the plant was tested*   (ii) please confirm that NOx and PM have been tested on the same occasion *This is in reference to the emissions testing for PM and NOx, not any wider range of tests. A specific date is required.	family member	family member	29.03.2007 yes
g) list of all the plants in the type-testing range* of plants to which the certificate applies, if any <sup>4</sup> Please include the <b>installation capacity</b> of each model.  *This must follow the ratio rules: If the smallest plant in the range is 500kW or less, the largest plant in the range can't be more than double the smallest. If the smallest plant in the range is over 500kW, the largest plant in the range can't be more than 500kW greater than the smallest.	Wood pellets heating boiler Pellematic PE 08 / PE 10 / PE 12 / PE 15 / PE 16 / PE 20 / PE 25 / PE 32 / PE 36 / PE 48 / PE 56 / PE 64		

<sup>&</sup>lt;sup>4</sup> The type-testing approach enables testing laboratories to provide assurance that all boilers in a given range meet the air quality requirements, without needing to specifically test each boiler.

3. FUELS	
a) types of fuels used when testing	Wood Pellets C1 according to EN 303-5
b) based on the testing, list the range of fuels that can be used in compliance with the emission limits of 30 grams per gigajoule (g/GJ) net heat input for particulate matter (PM), and 150 g/GJ net heat input for oxides of nitrogen (NOx) (based if relevant on classifications from EN14961 or EN303-5)	Wood Pellets C1 according to EN 303-5
c) moisture content of the fuel used during testing	
Plant 1 – Pellematic PE 08 Plant 5 – Pellematic PE 16 Plant 8 – Pellematic PE 32 Plant 12 – Pellematic PE 64	6.1 - 6.3 % 6.3 - 6.4 % 6.6 - 6.7 % 7.7 - 7.9 %
d) maximum moisture content* of the fuel which can be used with the certified plant(s) so as to ensure that the RHI emission limits are not exceeded.  *This value may be obtained from ranges specified in EN 303-5 based on the fuel type(s) tested	≤ 12 % according to EN 303-5:1999

4. TESTS	
Confirm which requirements the emissions of NOx and PM have Either 4a or 4b should be confirmed, the other should be	e been tested in accordance with.  e 'not applicable'
<ul> <li>a) if the testing was carried out in accordance with the provisions relevant to emissions of PM and NOx in either BS EN 303-5:1999 or BS EN 303-5:2012<sup>5</sup>, please confirm:</li> <li>the test was conducted to whichever standard was current at the time of testing.</li> </ul>	EN 303-5:1999: yes
b) if the testing was carried out in accordance with the following requirements, please confirm: (i) testing was carried out in accordance with: - EN 14792:2005 in respect of NOx emissions, and; - EN 13284-1:2002 or ISO 9096:2003 in respect of PM emissions <sup>3</sup> ; and	
(ii) emissions of PM represent the average of at least three measurements of emissions of PM, each of at least 30 minutes duration; and	
(iii) the value for NOx emissions is derived from the average of measurements made throughout the PM emission tests.	
c) please confirm the plant was tested at ≥85% of the installation capacity of the plant	yes
d) please confirm the test shows that emissions from the plant were no greater than 30 g/GJ PM and 150 g/GJ NOx	yes

<sup>&</sup>lt;sup>5</sup> BS EN303-5:1999 and 2012 explain what should be measured and when. <sup>3</sup> These standards explain how to make the PM and NOx measurements.

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e) measured* emissions of PM in g/GJ net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 - Pellematic PE 10 (family member) Plant 2 - Pellematic PE 12 (family member) Plant 3 - Pellematic PE 12 (family member) Plant 4 - Pellematic PE 15 (family member) Plant 5 - Pellematic PE 16 8 g/GJ (nominal heat output) Plant 6 - Pellematic PE 20 (family member) Plant 7 - Pellematic PE 20 (family member) Plant 8 - Pellematic PE 25 (family member) Plant 9 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 36 (family member) Plant 11 - Pellematic PE 56 (family member) Plant 12 - Pellematic PE 56 (family member) Plant 13 - Pellematic PE 64  f) measured* emissions of NOx in g/GJ net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units. Plant 1 - Pellematic PE 10 (family member) Plant 2 - Pellematic PE 10 (family member) Plant 4 - Pellematic PE 10 (family member) Plant 5 - Pellematic PE 10 (family member) Plant 6 - Pellematic PE 15 (family member) Plant 7 - Pellematic PE 15 (family member) Plant 8 - Pellematic PE 15 (family member) Plant 7 - Pellematic PE 16 (99 g/GJ (nominal heat output) Plant 7 - Pellematic PE 16 (99 g/GJ (nominal heat output) Plant 8 - Pellematic PE 25 (family member) Plant 9 - Pellematic PE 25 (family member) Plant 10 - Pellematic PE 32 (family member) Plant 11 - Pellematic PE 32 (family member) Plant 12 - Pellematic PE 36 (family member) Plant 3 - Pellematic PE 36 (family member) Plant 4 - Pellematic PE 36 (family member) Plant 5 - Pellematic PE 36 (family member) Plant 6 - Pellematic PE 36 (family member) Plant 7 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 36 (family member) Plant 11 - Pellematic PE 36 (family member) Plant 12 - Pellematic PE 36 (family member) Plant 13 - Pellematic PE 36 (family member) Plant 14 - Pellem		
Plant 2 – Pellematic PE 10 (family member)  Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 36 (family member)  Plant 11 – Pellematic PE 36 (family member)  Plant 12 – Pellematic PE 36 (family member)  Plant 13 – Pellematic PE 36 (family member)  Plant 14 – Pellematic PE 36 (family member)  Plant 15 – Pellematic PE 36 (family member)  Plant 16 – Pellematic PE 36 (family member)  Plant 17 – Pellematic PE 36 (family member)  Plant 18 – Pellematic PE 36 (family member)  Plant 19 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 30 (family member)  Plant 10 – Pelle	*this value should be from the test confirmed in 4c. Results from partial load tests are not required.	
Plant 3 – Pellematic PE 12 (family member) Plant 4 – Pellematic PE 15 (family member) Plant 5 – Pellematic PE 16 Plant 6 – Pellematic PE 20 (family member) Plant 7 – Pellematic PE 25 (family member) Plant 8 – Pellematic PE 32 Plant 9 – Pellematic PE 36 (family member) Plant 10 – Pellematic PE 48 (family member) Plant 11 – Pellematic PE 56 (family member) Plant 12 – Pellematic PE 64 Plant 2 – Pellematic PE 64 Plant 3 – Pellematic PE 64 Plant 3 – Pellematic PE 64 Plant 10 – Pellematic PE 56 (family member) Plant 11 – Pellematic PE 64 Plant 12 – Pellematic PE 64 Plant 1 – Pellematic PE 64 Plant 2 – Pellematic PE 10 (family member) Plant 3 – Pellematic PE 10 (family member) Plant 5 – Pellematic PE 10 (family member) Plant 6 – Pellematic PE 15 (family member) Plant 6 – Pellematic PE 16 Plant 6 – Pellematic PE 20 (family member) Plant 7 – Pellematic PE 20 (family member) Plant 8 – Pellematic PE 20 (family member) Plant 9 – Pellematic PE 25 (family member) Plant 8 – Pellematic PE 26 (family member) Plant 9 – Pellematic PE 30 (family member) Plant 10 – Pellematic PE 30 (family member) Plant 11 – Pellematic PE 30 (famil	Plant 1 – Pellematic PE 08	7 g/GJ (nominal heat output)
Plant 4 - Pellematic PE 15 (family member)  Plant 5 - Pellematic PE 16  Plant 6 - Pellematic PE 20 (family member)  Plant 7 - Pellematic PE 25 (family member)  Plant 8 - Pellematic PE 32  Plant 9 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 56 (family member)  Plant 12 - Pellematic PE 64  Plant 12 - Pellematic PE 64  Plant 1 - Pellematic PE 08  Plant 1 - Pellematic PE 10 (family member)  Plant 2 - Pellematic PE 10 (family member)  Plant 3 - Pellematic PE 10 (family member)  Plant 4 - Pellematic PE 15 (family member)  Plant 5 - Pellematic PE 16 (family member)  Plant 6 - Pellematic PE 16 (family member)  Plant 8 - Pellematic PE 16 (family member)  Plant 9 - Pellematic PE 16 (family member)  Plant 1 - Pellematic PE 16 (family member)  Plant 1 - Pellematic PE 17 (family member)  Plant 1 - Pellematic PE 18 (family member)  Plant 1 - Pellematic PE 16 (family member)  Plant 3 - Pellematic PE 15 (family member)  Plant 4 - Pellematic PE 15 (family member)  Plant 5 - Pellematic PE 16 (family member)  Plant 5 - Pellematic PE 16 (family member)  Plant 6 - Pellematic PE 20 (family member)  Plant 7 - Pellematic PE 23 (family member)  Plant 8 - Pellematic PE 24 (family member)  Plant 9 - Pellematic PE 32 (family member)  Plant 9 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 10 - Pellematic PE 56 (family member)  Plant 10 - Pellematic PE 56 (family member)  Plant 10 - Pellematic PE 56 (family member)  Plant 11 - Pellematic PE 56 (family member)	Plant 2 – Pellematic PE 10 (family member)	7 g/GJ (nominal heat output)
Plant 5 - Pellematic PE 16 Plant 6 - Pellematic PE 20 (family member) Plant 7 - Pellematic PE 25 (family member) Plant 8 - Pellematic PE 32 Plant 9 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 12 - Pellematic PE 64  f) measured* emissions of NOx in g/GJ net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 - Pellematic PE 10 (family member) Plant 3 - Pellematic PE 12 (family member) Plant 4 - Pellematic PE 15 (family member) Plant 5 - Pellematic PE 16 Plant 6 - Pellematic PE 20 (family member) Plant 7 - Pellematic PE 20 (family member) Plant 8 - Pellematic PE 20 (family member) Plant 8 - Pellematic PE 32 Plant 9 - Pellematic PE 36 (family member) Plant 9 - Pellematic PE 36 (family member) Plant 9 - Pellematic PE 48 (family member) Plant 10 - Pellematic PE 56 (family member) Plant 10 - Pellematic PE 56 (family member) Plant 10 - Pellematic PE 56 (family member) Plant 11 - Pellematic PE 56 (family member)	Plant 3 – Pellematic PE 12 (family member)	8 g/GJ (nominal heat output)
Plant 6 - Pellematic PE 20 (family member) Plant 7 - Pellematic PE 25 (family member) Plant 8 - Pellematic PE 32 Plant 9 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 11 - Pellematic PE 56 (family member) Plant 12 - Pellematic PE 64 Plant 12 - Pellematic PE 64 Plant 13 - Pellematic PE 64 Plant 14 - Pellematic PE 64 Plant 15 - Pellematic PE 64 Plant 16 - Pellematic PE 64 Plant 17 - Pellematic PE 64 Plant 18 - Pellematic PE 64 Plant 19 - Pellematic PE 64 Plant 10 - Pellematic PE 64 Plant 10 - Pellematic PE 08 Plant 10 - Pellematic PE 10 (family member) Plant 10 - Pellematic PE 15 (family member) Plant 10 - Pellematic PE 16 Plant 10 - Pellematic PE 16 Plant 10 - Pellematic PE 20 (family member) Plant 10 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 10 - Pellematic PE 56 (family member) Plant 11 - Pellematic PE 56 (family member)	Plant 4 – Pellematic PE 15 (family member)	8 g/GJ (nominal heat output)
Plant 7 - Pellematic PE 25 (family member) Plant 8 - Pellematic PE 32 Plant 9 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 11 - Pellematic PE 56 (family member) Plant 12 - Pellematic PE 64 Plant 12 - Pellematic PE 64 Plant 13 - Pellematic PE 64 Plant 14 - Pellematic PE 64 Plant 15 - Pellematic PE 10 (family member) Plant 16 - Pellematic PE 10 (family member) Plant 17 - Pellematic PE 10 (family member) Plant 18 - Pellematic PE 10 (family member) Plant 19 - Pellematic PE 10 (family member) Plant 19 - Pellematic PE 10 (family member) Plant 10 - Pellematic PE 10 (family member) Plant 10 - Pellematic PE 10 (family member) Plant 10 - Pellematic PE 20 (family member) Plant 10 - Pellematic PE 20 (family member) Plant 10 - Pellematic PE 32 Plant 10 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 11 - Pellematic PE 48 (family member) Plant 11 - Pellematic PE 56 (family member)	Plant 5 - Pellematic PE 16	8 g/GJ (nominal heat output)
Plant 8 – Pellematic PE 32 Plant 9 – Pellematic PE 36 (family member) Plant 10 – Pellematic PE 48 (family member) Plant 11 – Pellematic PE 56 (family member) Plant 12 – Pellematic PE 64 Plant 12 – Pellematic PE 64 Plant 13 – Pellematic PE 64 Plant 14 – Pellematic PE 64 Plant 15 – Pellematic PE 64 Plant 16 – Pellematic PE 64 Plant 17 – Pellematic PE 64 Plant 18 – Pellematic PE 08 Plant 18 – Pellematic PE 08 Plant 19 – Pellematic PE 10 (family member) Plant 19 – Pellematic PE 12 (family member) Plant 19 – Pellematic PE 15 (family member) Plant 19 – Pellematic PE 16 Plant 19 – Pellematic PE 20 (family member) Plant 19 – Pellematic PE 25 (family member) Plant 19 – Pellematic PE 25 (family member) Plant 19 – Pellematic PE 32 Plant 10 – Pellematic PE 36 (family member) Plant 10 – Pellematic PE 48 (family member) Plant 11 – Pellematic PE 56 (family member) Plant 10 – Pellematic PE 56 (family member) Plant 11 – Pellematic PE 56 (family member)	Plant 6 – Pellematic PE 20 (family member)	8 g/GJ (nominal heat output)
Plant 9 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 11 - Pellematic PE 56 (family member)  Plant 12 - Pellematic PE 64  9 g/GJ (nominal heat output)  Plant 12 - Pellematic PE 64  9 g/GJ (nominal heat output)  f) measured* emissions of NOx in g/GJ net heat input  *this value should be from the test confirmed in 4c. Results from partial load tests are not required.  This value must be in the specified units.  Plant 1 - Pellematic PE 08  Plant 2 - Pellematic PE 10 (family member)  Plant 3 - Pellematic PE 12 (family member)  Plant 4 - Pellematic PE 15 (family member)  Plant 5 - Pellematic PE 15 (family member)  Plant 6 - Pellematic PE 16  Plant 7 - Pellematic PE 20 (family member)  Plant 8 - Pellematic PE 25 (family member)  Plant 9 - Pellematic PE 32  Plant 9 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 11 - Pellematic PE 56 (family member)	Plant 7 – Pellematic PE 25 (family member)	8 g/GJ (nominal heat output)
Plant 10 – Pellematic PE 48 (family member) Plant 11 – Pellematic PE 56 (family member) Plant 12 – Pellematic PE 64  f) measured* emissions of NOx in <b>g/GJ</b> net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 – Pellematic PE 08 Plant 2 – Pellematic PE 10 (family member) Plant 3 – Pellematic PE 12 (family member) Plant 4 – Pellematic PE 15 (family member) Plant 5 – Pellematic PE 16 Plant 6 – Pellematic PE 20 (family member) Plant 7 – Pellematic PE 25 (family member) Plant 8 – Pellematic PE 32 Plant 9 – Pellematic PE 36 (family member) Plant 10 – Pellematic PE 48 (family member) Plant 10 – Pellematic PE 48 (family member) Plant 10 – Pellematic PE 56 (family member) Plant 11 – Pellematic PE 56 (family member)	Plant 8 – Pellematic PE 32	8 g/GJ (nominal heat output)
Plant 11 – Pellematic PE 56 (family member) Plant 12 – Pellematic PE 64  9 g/GJ (nominal heat output)  f) measured* emissions of NOx in g/GJ net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 – Pellematic PE 08  Plant 2 – Pellematic PE 10 (family member)  Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 15 (family member)  Plant 6 – Pellematic PE 16  Plant 7 – Pellematic PE 20 (family member)  Plant 8 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 10 – Pellematic PE 56 (family member)  Plant 11 – Pellematic PE 56 (family member)	Plant 9 – Pellematic PE 36 (family member)	8 g/GJ (nominal heat output)
Plant 12 – Pellematic PE 64  f) measured* emissions of NOx in <b>g/GJ</b> net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 – Pellematic PE 08  Plant 2 – Pellematic PE 10 (family member)  Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)	Plant 10 – Pellematic PE 48 (family member)	9 g/GJ (nominal heat output)
f) measured* emissions of NOx in <b>g/GJ</b> net heat input *this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 - Pellematic PE 08 Plant 2 - Pellematic PE 10 (family member) Plant 3 - Pellematic PE 12 (family member) Plant 4 - Pellematic PE 15 (family member) Plant 5 - Pellematic PE 16 Plant 6 - Pellematic PE 20 (family member) Plant 7 - Pellematic PE 20 (family member) Plant 8 - Pellematic PE 32 Plant 9 - Pellematic PE 36 (family member) Plant 10 - Pellematic PE 48 (family member) Plant 11 - Pellematic PE 56 (family member)	Plant 11 - Pellematic PE 56 (family member)	9 g/GJ (nominal heat output)
*this value should be from the test confirmed in 4c. Results from partial load tests are not required. This value must be in the specified units.  Plant 1 – Pellematic PE 08  Plant 2 – Pellematic PE 10 (family member)  Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)	Plant 12 – Pellematic PE 64	9 g/GJ (nominal heat output)
Plant 2 – Pellematic PE 10 (family member)  Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)	*this value should be from the test confirmed in 4c. Results from partial load tests are not required.	
Plant 3 – Pellematic PE 12 (family member)  Plant 4 – Pellematic PE 15 (family member)  Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)	Plant 1 – Pellematic PE 08	74 g/GJ (nominal heat output)
Plant 4 - Pellematic PE 15 (family member)  Plant 5 - Pellematic PE 16  Plant 6 - Pellematic PE 20 (family member)  Plant 7 - Pellematic PE 25 (family member)  Plant 8 - Pellematic PE 32  Plant 9 - Pellematic PE 36 (family member)  Plant 10 - Pellematic PE 48 (family member)  Plant 11 - Pellematic PE 56 (family member)  Plant 12 - Pellematic PE 56 (family member)  Plant 13 - Pellematic PE 56 (family member)  Plant 14 - Pellematic PE 56 (family member)  Plant 15 - Pellematic PE 56 (family member)  Plant 16 - Pellematic PE 16 (family member)  Plant 17 - Pellematic PE 18 (family member)  Plant 19 - Pellematic PE 18 (family member)  Plant 10 - Pellematic PE 18 (family member)  Plant 11 - Pellematic PE 18 (family member)	Plant 2 – Pellematic PE 10 (family member)	73 g/GJ (nominal heat output)
Plant 5 – Pellematic PE 16  Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 12 – Pellematic PE 56 (family member)  Plant 13 – Pellematic PE 56 (family member)  Plant 14 – Pellematic PE 56 (family member)  Plant 15 – Pellematic PE 56 (family member)  Plant 16 – Pellematic PE 56 (family member)  Plant 17 – Pellematic PE 56 (family member)  Plant 18 – Pellematic PE 56 (family member)  Plant 19 – Pellematic PE 56 (family member)	Plant 3 – Pellematic PE 12 (family member)	72 g/GJ (nominal heat output)
Plant 6 – Pellematic PE 20 (family member)  Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 12 – Pellematic PE 56 (family member)  Plant 13 – Pellematic PE 56 (family member)  Plant 14 – Pellematic PE 56 (family member)	Plant 4 – Pellematic PE 15 (family member)	70 g/GJ (nominal heat output)
Plant 7 – Pellematic PE 25 (family member)  Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 12 – Pellematic PE 56 (family member)  Plant 13 – Pellematic PE 56 (family member)  Plant 14 g/GJ (nominal heat output)  Plant 15 – Pellematic PE 56 (family member)  Plant 16 – Pellematic PE 56 (family member)  Plant 17 – Pellematic PE 56 (family member)	Plant 5 – Pellematic PE 16	69 g/GJ (nominal heat output)
Plant 8 – Pellematic PE 32  Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)  Plant 11 – Pellematic PE 56 (family member)  77 g/GJ (nominal heat output)  87 g/GJ (nominal heat output)  92 g/GJ (nominal heat output)	Plant 6 – Pellematic PE 20 (family member)	71 g/GJ (nominal heat output)
Plant 9 – Pellematic PE 36 (family member)  Plant 10 – Pellematic PE 48 (family member)  Plant 11 – Pellematic PE 56 (family member)  80 g/GJ (nominal heat output)  87 g/GJ (nominal heat output)  92 g/GJ (nominal heat output)	Plant 7 – Pellematic PE 25 (family member)	74 g/GJ (nominal heat output)
Plant 10 – Pellematic PE 48 (family member) 87 g/GJ (nominal heat output) Plant 11 – Pellematic PE 56 (family member) 92 g/GJ (nominal heat output)	Plant 8 – Pellematic PE 32	77 g/GJ (nominal heat output)
Plant 11 – Pellematic PE 56 (family member) 92 g/GJ (nominal heat output)	Plant 9 – Pellematic PE 36 (family member)	80 g/GJ (nominal heat output)
	Plant 10 – Pellematic PE 48 (family member)	87 g/GJ (nominal heat output)
Plant 12 – Pellematic PE 64 97 g/GJ (nominal heat output)	Plant 11 – Pellematic PE 56 (family member)	92 g/GJ (nominal heat output)
	Plant 12 – Pellematic PE 64	97 g/GJ (nominal heat output)

**Note A**: If details from a previously issued certificate are being transferred to this RHI emission certificate template, please note that this document must be **issued by the testing laboratory** as a separate certificate. So the issue date and certificate reference number should be in relation to *this* certificate using the RHI template, not the issue date and reference number of the original certificate.

**Note B:** If you are including multiple tested plants on one certificate, please ensure that all sections are completed for each tested plant, and are laid out such that it is clear which details relate to which tested plant. If a type-testing range is included as well, please show clearly which type-testing range relates to which tested plant(s), following the type-testing range ratio rules outlined in 2g.