



Report No. K 3339 2022 S4

Confirmation of the air quality requirements
of the domestic or non-domestic
Renewable Heat Incentive (RHI)

Types:

SL180s
SLD180s
SLP180s
SLG180s

Models:

STYLE 180s
STYLE 180s DUO
STYLE 180s PLUS
STYLE 180s GLASS

Trademark:

KLOVER

Company:

KLOVER SRL

This certificate provides evidence that the tested boiler meets the air quality requirements of the domestic or 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.

1. TEST HOUSE	
a) name and address of testing laboratory	TÜV Rheinland Energy GmbH Am Grauen Stein 51105 Köln
b) name and signature of the person authorised by the testing laboratory to issue the certificate	Name: Mario Reimbold Deputy Head of Test Centre
c) date of issue of this certificate together with certificate reference number *Please see Note A	Date: 24/11/2022
	Ref: K33392022Z1
d) if testing laboratory is accredited to EN ISO/IEC 17025:2005, date of accreditation and accreditation number <i>(note: if testing conducted after 24 September 2013, the testing laboratory must be EN ISO/IEC 17025:2005 accredited)</i>	Date: 04/05/2022
	Accreditation number: D – PL – 11120- 04- 00

2. PLANT <i>Please see Note B</i>	
a) Type of the plant tested	SL180s
b) Model of the plant tested	STYLE 180s
c) manufacturer of the plant tested	KLOVER SRL
d) installation capacity* of the tested plant in kilowatts (kW) *defined in the RHI Regulations as the total installed peak heat output capacity of the plant	to water: 16,9 kW to space: 5,0 kW
e) is the plant a <u>manually stoked, natural draught</u> plant? (that is, without a fan providing forced or induced draught)	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.	from 23 March 2022 until 25 March 2022 Yes
g) list of all the plants in the type-testing range* of plants to which the certificate applies, if any ¹ Please include the installation capacity of each model. <i>*This must follow the ratio rules: If the smallest plant in the range is 500 kW 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.</i>	not applicable

¹The 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.

c) please confirm the plant was tested at $\geq 85\%$ 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
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.	9
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.	65

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.

Remarks: Renaming report according to DIN EN 14785, n. K33392022Z1, dated on 24/11/2022.

Cologne, 24.11.2022
432 / pom

TÜV Rheinland Energy GmbH
Test Centre according to Construction Product
Regulation 305/2011(CPR)
Notified Body: 2456

Assessor:

Report released after review:



Dipl.-Ing. A. Pom

Dipl.-Ing. M. Reibold