



TEST Reg. no. 300



**DANISH  
TECHNOLOGICAL  
INSTITUTE**

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## Danish Technological Institute

Accredited Test Body, DANAK (Danish accreditation no. 300)

# TEST CERTIFICATE II

Extract of report no.: **300-ELAB-2018**

**Item:** Biofuel boiler  
**Manufacturer:** NIBE-BIAWAR sp. z o.o  
**Model:** Pellux 200 Exclusive boiler & PBMAX 20.1 burner /  
 K-PAA 25.1 boiler & PBMAX 20.1 burner  
**Requested by:** NIBE-BIAWAR sp. z o.o  
 Al. Jana Pawla II 57, 15-703 Bialystok  
 VAT nr. PL5420200292

**Procedure:**

X	Testing according to EN 303-5:2012 with requirements according to Class 5
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**Safety requirements according to EN 303-5:2012 are fulfilled**

## TEST RESULTS


**Stoking principle:** Automatic

**Fuel:** Biomass

Testing has been carried out with wood pellets (C1) with the following results:

Measurement	Unit	Result	Limit
Nominal heat output	kW	20	
CO at 10% O <sub>2</sub>	mg/m <sub>n</sub> <sup>3</sup>	305	500
OGC at 10% O <sub>2</sub>	mg/m <sub>n</sub> <sup>3</sup>	< 6	20
Dust at 10% O <sub>2</sub>	mg/m <sub>n</sub> <sup>3</sup>	40	40
Efficiency	%	89.1	88.3
Minimum heat output	kW	5.7	
Efficiency	%	89.1	87.8

Please note that the stated values are an extract from the test report. For further information please refer to the test report.

<p>Aarhus, 12. June 2015</p>  <p>Torben Nørgaard Jensen B. Sc.</p>	<p>Chimney sweeper endorsement</p>
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Based on the abovementioned particle emission it is hereby certified that the biofuel boiler fulfils the emission requirements in appendix 2 to declaration no. 46 of 2015.01.22 regarding regulation of air pollution from solid fuel boilers below 1 MW. Furthermore it is certified that the boiler fulfils the efficiency requirement in the Danish Building Regulations.