

TEST CERTIFICATE

Extract of report no.: 300-ELAB-2018

Manufacturer: NIBE-BIAWAR sp. z o.o
Al. Jana Pawla II 57, 15-703 Bialystok
VAT nr. PL5420200292

Product: Biofuel boiler



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Model: Pellux 200 Exclusive boiler & PBMAX20.1 burner, K-PAA25.1 boiler & PBMAX20.1 burner,
Pellux 200 S boiler & PBMAX20.1 burner,
Pellux 200 Touch boiler & PBMAX20.1 burner

Procedure: Testing according to EN 303-5:2012

Requirements: Commission regulation (EU) No. 2015/1189, Annex II, Article 1

Stoking princ.: Automatic **Fuel:** Biomass

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

TEST RESULTS

Measurement	Unit	Result	Limits
Nominal heat output	kW	20	
CO at 10% O ₂	mg/m _n ³	305	
OGC at 10% O ₂	mg/m _n ³	4	
Dust at 10% O ₂	mg/m _n ³	40	
NO _x at 10% O ₂	mg/m _n ³	154	
Efficiency	%	89,1	
Minimum heat output	kW	5,7	
CO at 10% O ₂	mg/m _n ³	154	
OGC at 10% O ₂	mg/m _n ³	5	
Dust at 10% O ₂	mg/m _n ³	26	
NO _x at 10% O ₂	mg/m _n ³	156	
Efficiency	%	89,1	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	176	500
OGC at 10% O ₂	mg/m _n ³	4	20
Dust at 10% O ₂	mg/m _n ³	28	40
NO _x at 10% O ₂	mg/m _n ³	156	200
Seasonal space heating energy efficiency			
η _s	%	79,3	77
η _{son}	%	82,8	
F1	%	3,0	
F2	%	0,5	

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

Aarhus, 28. February 2017

Anders Pødenphant
B. Sc.

This certificate has been conducted and calculated on the basis of an accredited test report performed by the test institute under the accreditation of DANAK member of EA and ILAC.