

TEST CERTIFICATE

Extract of report no.: 300-ELAB-2019

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 100/20 boiler & PBMAX20.1 burner, K-PAA20 boiler & PBMAX20.1 Burner,
Pellux 100/20 Touch boiler & PBMAX20.1 burner,
Pellux 100/20 Exclusive 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	18,6	
CO at 10% O ₂	mg/m _n ³	112	
OGC at 10% O ₂	mg/m _n ³	3	
Dust at 10% O ₂	mg/m _n ³	26	
NO _x at 10% O ₂	mg/m _n ³	165	
Efficiency	%	91,8	
Minimum heat output	kW	4,9	
CO at 10% O ₂	mg/m _n ³	297	
OGC at 10% O ₂	mg/m _n ³	9	
Dust at 10% O ₂	mg/m _n ³	31	
NO _x at 10% O ₂	mg/m _n ³	161	
Efficiency	%	89,6	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	269	500
OGC at 10% O ₂	mg/m _n ³	8	20
Dust at 10% O ₂	mg/m _n ³	30	40
NO _x at 10% O ₂	mg/m _n ³	161	200
Seasonal space heating energy efficiency			
η _s	%	79,8	75
η _{son}	%	83,4	
F1	%	3,0	
F2	%	0,6	

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.