

TEST CERTIFICATE

Extract of report no.: 300-ELAB-2053

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 100/30 boiler & PBMAX30 burner, K-PAA30 boiler & PBMAX30 Burner,
Pellux 100/30 Touch boiler & PBMAX30 burner,
Pellux 100/30 Exclusive boiler & PBMAX30 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	29	
CO at 10% O ₂	mg/m _n ³	235	
OGC at 10% O ₂	mg/m _n ³	1	
Dust at 10% O ₂	mg/m _n ³	29	
NO _x at 10% O ₂	mg/m _n ³	143	
Efficiency	%	90,7	
Minimum heat output	kW	8,8	
CO at 10% O ₂	mg/m _n ³	486	
OGC at 10% O ₂	mg/m _n ³	20	
Dust at 10% O ₂	mg/m _n ³	39	
NO _x at 10% O ₂	mg/m _n ³	136	
Efficiency	%	91,8	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	448	500
OGC at 10% O ₂	mg/m _n ³	17	20
Dust at 10% O ₂	mg/m _n ³	37	40
NO _x at 10% O ₂	mg/m _n ³	137	200
Seasonal space heating energy efficiency			
η _s	%	80,6	77
η _{son}	%	84,5	
F1	%	3,0	
F2	%	0,9	

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.