



TEST Reg. no. 300



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Danish Technological Institute

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

TEST CERTIFICATE II

Extract of report no.: **300-ELAB-2053**

Item: Biofuel boiler
Manufacturer: NIBE-BIAWAR sp. z o.o
Model: Pellux 100/30 boiler & PBMAX 30 burner /
K-PAA 30 boiler & PBMAX 30 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	29	
CO at 10% O ₂	mg/m _n ³	235	500
OGC at 10% O ₂	mg/m _n ³	< 6	20
Dust at 10% O ₂	mg/m _n ³	29	40
Efficiency	%	90.7	88.5
Minimum heat output	kW	8.8	
Efficiency	%	91.8	87.9

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

Aarhus, 8. June 2015 <i>Torben Nørgaard Jensen</i> Torben Nørgaard Jensen B. Sc.	Chimney sweeper endorsement
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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.

Type	2	Automati	20	500	40
		type	OGC	CO	Støv
1	Type	#	#	#	#
2	automat	Automati	20	500	40
3	manuel	Manual	30	700	60
Brændsel	2	Testing has been carried out with wood pellets (C1) with the following results:			
1	Brænds	#			
2	træpiller	Testing has been carried out with wood pellets (C1) with the following results:			
3	flis	Testing has been carried out with wood chips (B1) with the following results:			
4	træpiller	Testing has been carried out with wood pellets (C1) and wood chips (B1):			
5	brænde	Testing has been carried out with log wood (A) with the following results:			
6	halm	Testing has been carried out with straw (E) with the following results:			
Prøvning	2	X	Testing according to EN 303-5:2012 with requirements according to Class		
1	Procedu	#	#		
2	fuld klas	X	Testing according to EN 303-5:2012 with requirements according to Class		
3	kun klas	X	Testing according to EN 303-5:2012 with requirements according to Class		
Sikkerhed	2	Safety requirements according to EN 303-5:2012 are fulfilled			
1	Sikkerhe	#	#		
2	opfyldt	Safety requirements according to EN 303-5:2012 are fulfilled			
3	ikke opf	Safety requirements according to EN 303-5:2012 are NOT fulfilled			
4	ikke kontr	Safety requirements according to EN 303-5:2012 have not been controlled			
Underskrift	3	Torben Nørgaard Jensen		B. Sc.	
1	Underskr	#			
2	ABR	Anette S. Brønnum		M. Sc.	
3	TNJ	Torben Nørgaard Jensen		B. Sc.	

300-ELAB-0000

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#VÆRDI!

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; 5 (nominal output)