

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2458

Manufacturer: NBE Production A/S
Kjeldgaardsvej 2, 9300 Sæby
CVR nr. 34890323

P nr. 1018144723

Product: Biofuel boiler



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Model: RTB Phoenix 50

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	44	
CO at 10% O ₂	mg/m _n ³	111	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	19	
NO _x at 10% O ₂	mg/m _n ³	161	
Efficiency	%	95,0	
Minimum heat output	kW	11,1	
CO at 10% O ₂	mg/m _n ³	187	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	21	
NO _x at 10% O ₂	mg/m _n ³	133	
Efficiency	%	94,3	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	176	500
OGC at 10% O ₂	mg/m _n ³	< 6	20
Dust at 10% O ₂	mg/m _n ³	21	40
NO _x at 10% O ₂	mg/m _n ³	137	200
Seasonal space heating energy efficiency			
η _s	%	83	77
η _{son}	%	87,4	
F1	%	3,0	
F2	%	1,7	

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

Aarhus, 30. April 2020

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