

TEST CERTIFICATE



DANISH
TECHNOLOGICAL
INSTITUTE

Extract of report no.: 300-ELAB-2045 - rev. 1

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

P nr. 1018144723

Product: Biofuel boiler

Model: RTB 16

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	17,0	
CO at 10% O ₂	mg/m _n ³	116	
OGC at 10% O ₂	mg/m _n ³	7	
Dust at 10% O ₂	mg/m _n ³	22	
NO _x at 10% O ₂	mg/m _n ³	168	
Efficiency	%	91,1	
Minimum heat output	kW	5,0	
CO at 10% O ₂	mg/m _n ³	166	
OGC at 10% O ₂	mg/m _n ³	9	
Dust at 10% O ₂	mg/m _n ³	26	
NO _x at 10% O ₂	mg/m _n ³	206	
Efficiency	%	92,2	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	159	500
OGC at 10% O ₂	mg/m _n ³	9	20
Dust at 10% O ₂	mg/m _n ³	25	40
NO _x at 10% O ₂	mg/m _n ³	200	200
Seasonal space heating energy efficiency			
η _s	%	81,2	75
η _{son}	%	85,1	
F1	%	3,0	
F2	%	1,0	

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

Aarhus, 29. May 2019

Torben Nørgaard Jensen
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.