

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2094-A

Manufacturer: CN MASKINFABRIK A/S
Skovløkkevej 4, 6510 Gram
CVR nr. 15101733

P nr. 1000860133

Product: Biofuel boiler



**DANISH
TECHNOLOGICAL
INSTITUTE**

Teknologiparken
Kongsvang Allé 29
DK-8000 Aarhus C
Phone +45 72 20 10 00
Fax +45 72 20 10 19
Info@teknologisk.dk

Model: CN25

Procedure: Testing according to EN 303-5:2012

Requirements:

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	31	
CO at 10% O ₂	mg/m _n ³	45	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	34	
NO _x at 10% O ₂	mg/m _n ³	187	
Efficiency	%	89.7	
Minimum heat output	kW	8.3	
CO at 10% O ₂	mg/m _n ³	86	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	17	
NO _x at 10% O ₂	mg/m _n ³	145	
Efficiency	%	88.7	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	80	500
OGC at 10% O ₂	mg/m _n ³	< 6	20
Dust at 10% O ₂	mg/m _n ³	19	40
NO _x at 10% O ₂	mg/m _n ³	151	200
Seasonal space heating energy efficiency			
η _s	%	78	77
η _{son}	%	82.0	
F1	%	3.0	
F2	%	1.3	

Aarhus, 30. November 2021

Anders Pødenphant
B. Sc.