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The confirmation letter for data of initial type test for appliance "MAGNA"

Number K94 – 187 – 2021

This letter is to conforming data of initial type test for appliance "MAGNA".

Producer: "Skladova Tehnika" Ltd., 25 "Sveti Knyaz Boris I" Street, Gorna Oryahovitsa, Bulgaria.

This letter refers only to product detailed in **Test Report number: NB 1879 – K – 16 – 2016 / 17.05.2016**, issued by "Kontrol 94" Ltd.

Test Specification: EN 13240:2001/A2:2004/AC:2007 and CEN/TS 15883:2009.

The specific eco design requirements for solid fuel appliances under **Regulation (EU) 2015/1185**.

Appliance's Type: Roomheater fired by solid fuel.

Results obtained from the measurement of performance:

Model of appliance: "MAGNA"		Factory No 3
	Unit	The mean values of measured data
Fuel	-	Beech wood logs
The nominal heat output	kW	7,08
The mean CO at 13%O ₂	mg/m ³	987
The mean OGC at 13%O ₂	mg/m ³	63,41
The mean value of dust at 13%O ₂	mg/Nm ³	36,2
The mean NOx at 13%O ₂	mg/m ³	117,20
Efficiency	%	84,49

Comparisons of the requirements for ECO design of appliances for working with solid fuels according to Regulation (EU) 2015/1185 and measurement results obtained:

Seasonal space heating emissions	Unit	Limits	Average data	O ₂ emission	Fuel
The mean value of dust at 13%O ₂	mg/m ³	≤40	36,2	13%O ₂	Beech wood logs
The mean CO at 13%O ₂	mg/m ³	≤1500	987		
The mean OGC at 13%O ₂	mg/m ³	≤120	63,41		
The mean NOx at 13%O ₂	mg/m ³	≤200	117,20		
The seasonal space heating energy efficiency	%	≥65	74,49		
The energy efficiency index (EEI)	%		113		
Energy efficiency class			A⁺		

The company: "Skladova Tehnika" Ltd., 25 "Sveti Knyaz Boris I" Street, Gorna Oryahovitsa, Bulgaria, must respect the requirements of the EN 13240:2001/A2:2004/AC:2007 and Regulation (EU) 2015/1185 for all produced "MAGNA" appliances.

Issue date: 11.03.2021

Valid until: 11.03.2023

"Kontrol 94" Ltd:
/ Dipl. Eng. Goran Gadjonov /

