



## KONTROL 94 Ltd.

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### The confirmation letter for data of initial type test for automatic pellet boiler "ECO PELLET 33"

#### Number K94 – 165 – 2019

This is to conforming data of initial type test for automatic pellet boiler "ECO PELLET 33".

**Producer:** „Maber Comerc“ d.o.o., Pančevo, Zetska 2, „Ogranak Fabrike Maber Comerc“, Djure Strugara 20, 11300 Smederevo, Serbia.

This letter refers only to product detailed in **Test report number: SFB-09-2019 / 04.12.2019**, issued by "Kontrol 94" Ltd. with certificate of accreditation No 122ЛИ / 16.09.2019.

**Test Specification: EN 303-5:2012 and CEN/TS 15883:2009.**

The specific eco design requirements for solid fuel boilers under **Regulation (EU) 2015/1189**.

**Boiler Type:** an automatic stoked pellet boiler.

Model boiler: "ECO PELLET 33"		Product identification No 1947 10001	
Class boiler: 5			
	Unit	The mean values of measured data	
		Nominal heating output	Reduced heating output
Fuel	-	Wood pellets – Class A1	
The heat input	kW	35,23	11,00
The heat output ( indirect / direct method )	kW	32,98 / 32,05	10,43 / 9,93
The mean CO at 10%O <sub>2</sub>	mg/m <sup>3</sup>	117	398
The mean OGC at 10%O <sub>2</sub>	mg/m <sup>3</sup>	18,78	18,47
The mean value of dust at 10%O <sub>2</sub>	mg/Nm <sup>3</sup>	29,6	26,8
The mean NOx at 10%O <sub>2</sub>	mg/m <sup>3</sup>	206,90	198,60
Efficiency ( indirect / direct method )	%	93,61 / 90,95	94,82 / 90,25

#### Specific eco design requirements for solid fuel boilers under Regulation (EU) 2015/1189

Seasonal space heating emissions	Unit	Limits	Average	O <sub>2</sub> emission	Fuel
The seasonal value of dust in the flue gas	mg/m <sup>3</sup>	≤40	27,2	10%O <sub>2</sub>	wood pellets Class A1
The seasonal value of CO	mg/m <sup>3</sup>	≤500	356		
The seasonal value of OGC	mg/m <sup>3</sup>	≤20	18,52		
The seasonal value of NOx	mg/m <sup>3</sup>	≤200	199,85		
The seasonal space heating energy efficiency	%	≥77	83,82		
<b>The energy efficiency index (EEI)</b>	%	124			
<b>Energy efficiency class</b>		<b>A<sup>+</sup></b>			

The company: „Maber Comerc“ d.o.o., Pančevo, Zetska 2, must respect the requirements of the EN 303-5:2012 and Regulation (EU) 2015/1189 for all produced "ECO PELLET 33" boilers.

Issue date: 16.12.2019

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