

1 Prüfgegenstand

Initial type testing: **Pellet-roomheater Tray/Cap**

2 Auftraggeber

MCZ Group S.p.A.
Via la Croce, 8
I – 33074 Vigonovo di Fontanafredda (PN)

3 Size and placing of the order

The size of the order includes the testing of the pellet-roomheater Tray/Cap according to EN 14785 „Residential space heating appliances fired by wood pellets – requirements and test methods“ having regard to the agreements according to clause 15a B-VG „Inverkehrbringen von Kleinf Feuerungen und die Überprüfung von Feuerungsanlagen und Blockheizkraftwerken“ as well as to the “Erste Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (1. BImSchV) Stufe 2“.

The testing of the pellet-roomheater Tray/Cap was carried out in the testing rooms of the “Versuchs- und Forschungsanstalt der Hafner Österreichs” (Research and Testing Centre of the Austrian stove-fitters). At the testing two tests at nominal heat output, a test at lower heat output as well as a test of the fire safety were carried out with the test-fuel wood pellets.

The placing of the order occurred in January 2013.

4 Ergebnisse

	No.	Heat output level	Test results			Limit values		
						Art. 15a	EN 14875	BImSchV Stufe 2
			mg/MJ	% (13% O ₂)	mg/m ³ _N (13% O ₂)	mg/MJ	% (13% O ₂)	mg/m ³ _N (13% O ₂)
CO	1	Nominal	116	0,02	189	500	500	250
	2	Nominal	107	0,01	174			
	3	Lower	187	-	305	750	750	-
NO ₂	1	Nominal	57	-	92	150/100 ¹	-	-
	2	Nominal	57	-	94			
	3	Lower	58	-	95			
OGC	1	Nominal	3	-	3	30	-	-
	2	Nominal	2	-	3			
	3	Lower	5	-	7			
Staub	1	Nominal	13	-	23	50/25 ¹	-	30
	2	Nominal	16	-	29			
	3	Lower	-	-	-			-
η (%)	1	Nominal	93,0			78/80 ¹	75	85
	2	Nominal	93,0					
	3	Lower	93,0				70	-

¹ Limit values valid from 2015

The requirements of EN 14785 are fulfilled as per clause 9.2 of the test report VFH-13-006-P. The limit values for emissions and efficiency of the agreement according to clause 15a B-VG „In-verkehrbringen von Kleinf Feuerungen und die Überprüfung von Feuerungsanlagen und Blockheizkraft-werken“ and the “Erste Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (1.BImSchV) - Stufe 2“ for automatically loaded small firing plants are fulfilled. The specified nominal heat output (8.0 kW) is achieved.

This short test report is an abstract of the test report VFH-13-006-P. It is only valid in connection with the test report VFH-13-006-P.


DI Dr. Thomas Schiffert
Authorized signatory



Vienna, 20.09.2013