

1 Test item

Initial type testing: Pellet stove Kaika
 Design testing: Pellet stove Face

2 Client

MCZ GROUP
 Via la Croce, 8
 I – 33074 Vigonovo di Fontanafredda (PN)

3 Size and placing of the order

The testing of the pellet stoves Kaika and Face was carried out according to EN 14785 having regard to the agreements according to clause 15a B-VG "Schutzmaßnahmen betreffend Kleinf Feuerungen" (Protective provisions concerning small firing plants) and "Einsparung von Energie" (The economy of energy). The testing of the pellet stove Kaika was carried out in the testing rooms of the "Versuchs- und Forschungsanstalt der Hafner Österreichs" (Research and Testing Center of the Austrian stove-fitters). At the testing two tests at nominal heat output, one test at lower heat output and one test of the fire safety were carried out with the test-fuel wood-pellets. The testing of the pellet stove Face was carried out as a design-testing.

The placing of the order occurred in December 2009.

4 Results

	No.	Heat output level	Test results		Limit values	
			mg/MJ	mg/m ³ _N (13%O ₂)	Art. 15a	EN 14785
					mg/MJ	mg/m ³ _N (13%O ₂)
CO	1	Nominal	94	149	500	500
	2	Nominal	113	179		
	3	Lower	464	732		
NO ₂	1	Nominal	70	110	150	-
	2	Nominal	72	113		
	3	Lower	79	125		
OGC	1	Nominal	6	7	40	-
	2	Nominal	4	6		
	3	Lower	17	23		
Dust	1	Nominal	16	30	60	-
	2	Nominal	13	25		
	3	Lower	-	-		
η (%)	1	Nominal	92,6		78	75
	2	Nominal	93,0			
	3	Lower	94,0			70

The requirements of EN 14785 are fulfilled as per clause 10.2 of the test report VFH-10-006/1-P.

The limit values for emissions of the agreement according to clause 15a B-VG „Sicherheitsmaßnahmen betreffend Kleinf Feuerungen“(Protective provisions concerning small firing plants) for automatically loaded small firing plants are fulfilled. The efficiency as required in the agreement according to clause 15a B-VG "Einsparung von Energie" (The economy of energy) is achieved. The specified nominal heat output is achieved.

Note: lower heat output level > 30 % of nominal output level. According to clause 15a B-VG „Schutzmaßnahmen betreffend Kleinf Feuerungen" (Protective provisions concerning small firing plants) and „Einsparung von Energie" (The economy of energy) draft 2007: At automatically loaded small firing plants with a nominal heat output lower than 8 kW a maximum lower limit of the lower heat output of 2,5 kW is defined.

This short test report is an abstract of the test report VFH-10-006/1-P. It is only valid in connection with the test report VFH-10-006/1-P.



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 Authorized signatory



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