



# INITIAL TYPE TEST REPORT

ULTIME D MF 800-50 WHE 1S

IN ORDER OF:

**METALFIRE+ BVBA**





## INITIAL TYPE TEST REPORT ULTIME D MF 800-50 WHE 1S

EZKA-14-0159-10

MAY 12, 2017

Laboratory

**SGS NEDERLAND BV**

**NOTIFIED BODY 0608**

Customer

**MetalFire+ BVBA**

Noorwegenstraat 28  
B-9940 Evergem  
Belgium

**Approved by**

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Project Leader

Jaap Boot  
Operational Manager Air Monitoring



## SUMMARY

This report contains the test results of a room heater fired by solid fuels in accordance with NEN EN 13229:2001 and NEN EN 13229-A2:2004.

### Brief description of the project

Description	
Manufacturer	MetalFire+ BVBA Noorwegenstraat 28 B-9940 Evergem Belgium
Principal	MetalFire+ BVBA
Appliance	ULTIME D MF 800-50 WHE 1S
Test category	Initial type test

This test report is only valid in combination with SGS test report EZKA-14-0159-3 of ULTIME MF 600-50 WHE 1S (14 kW) and report EZKA-14-0159-9 of appliance ULTIME MF 1050-50 WHE 1S (19 kW). The appliance '800-50' belongs to the same product range as the tested appliances '600-50' and '1050-50'. The heating outputs of the '600-50' and '1050-50' are in the ratio 1 - 1.6. Therefore no objection exists from the side of the test laboratory to transfer the results of the initial type tests of the tested appliances to appliance '800-50'. An abstract of the results is presented below.

### Abstract of the test results

Essential characteristic	
Test fuel	Beech
Fire safety	Pass
Emission of combustion products (related to 13% O <sub>2</sub> )	CO: 0.07 vol% NO <sub>x</sub> : 118 mg/m <sup>3</sup> C <sub>x</sub> H <sub>y</sub> *: 53 mg/m <sup>3</sup> Dust: 32 mg/m <sup>3</sup>
Surface temperature	Pass
Measured Thermal output	16.6 kW
Energy efficiency	80.2 %
Release of dangerous substances	Pass

\* equivalents of C<sub>3</sub>H<sub>8</sub>.

Room heater ULTIME D MF 800-50 WHE 1S is an intermittent burning appliance. The appliance is not suitable for installation on a shared flue gas system.

This test report consists of pages 1 until 13 and the annexes 1 until 5.