

LABORATORY K.V.B.G. - A.R.G.B

Masuipelein 29
1000 Brussel
BELGIUM
Phone : +32 2 383 02 00
E-mail : info@gas.be

member of
labTQ

European Association of
Independent Test Laboratories



TEST REPORT

Applicant :

Metal Fire

PR NR. :

CE NR. :

**Koninklijke Vereniging van Belgische Gasvaklieden
KVBG**

**Association Royale des Gaziers Belges
ARGB**

Department : Laboratory Gas Appliances
Accredited by BELAC N°013-TEST
Notified Body n° 2013

Jobnumber : 2018-0076
File n° : H/2018/0011
Testrig : 1

Date of the report : 12-07-18
Test technician : Geert De Sutter
Head of the laboratory : O. Thibaut

ManufacturerName : **Metal Fire**Address : **Noorwegenstraat 28, 9940 Evergem****Solid fuel inset appliance**

Trade mark :	Metal Fire		
Type :	Ultime D 1050-50 3S / Ultime D 1050-50 2S		
		Solid fuel :	
		Wood logs	
Heat input	4,74 kg/h	Beech	
Heat output	17 kW		
Serial number :	NC	Sample n°	3206

Date reception of the appliance 06-07-18
Type flue connection B (A., B.. or C..)

Operation of the appliance : **Intermittent** (continuous or Intermittent)

Scope of the tests

Procedure : *Checking the conformity of the appliance to the EN standard, for the items mentioned in the report.*

Reference texts :

EN 13229:2001**EN 13229/A2:2004**

The test report shall not be reproduced except in full, without written approval of the laboratory. The results are related only to the items tested and mentioned in this test report.

Solid-fuel Appliance	Solid fuel inset appliance
Manufacturer:	Metal Fire
Trade mark:	Metal Fire
Type:	Ultime D 1050-50 3S
Serialnumber:	NC
Operation	Intermittent
Flue gases type:	B

Date:	12-07-18
Testrig:	K 1
Requested by	Metal Fire
File number:	H/2018/0011
Sample n°:	3206
Test technician:	Geert De Sutter
Job number:	2018-0076
EN standard:	EN 13229:2001

Information sheet

Nous
We
We

LABORATORY K.V.B.G. - A.R.G.B

Masuiplein 29, 1000 Brussel

BELGIUM

Confirmons que l'appareil testé
Confirm that the tested appliance
Bevestigen dat het beproefde toestel

Fabricant
Manufacturer
Fabrikant

Metal Fire

Marque commerc.
Trade mark
Handelsmerk

Metal Fire

Type
Model
Type

Ultime D 1050-50 3S / Ultime D 1050-50 2S

Puissance de chauffage nominale
Nominal output
Nominaal verwarmingsvermogen

17kW

Type de combustible Fuel type Type brandstof	Rendement à charge nominale Nominal heating efficiency Vollast rendement
Bûche bois Wood logs Brandhout	82%

Fonctionnement Operation Werkwijze	Intermittent
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Emission de CO CO emission CO emissie	0,087%	(13% O ₂)
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DIN + Method		
Emission de poussières Dust emission Stof emissie	27 mg/Nm³	(13% O ₂)

Emission de CmHn CmHn emission CmHn emissie	89 mg/Nm³	(13% O ₂)
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Emission de NOx NOx emission NOx emissie	52 mg/Nm³	(13% O ₂)
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Est conforme aux exigences de la norme européenne EN 13229.
Meet the requirements of the european norm EN 13229.
Voldoet aan de eisen van de europese norm EN 13229.
Est conforme aux exigences du label DIN +.
Meet the requirements of the label DIN +.
Voldoet aan de eisen van het label DIN +.

Name : O. Thibaut

Function : Laboratory Manager

Date : 12-07-18

Solid-fuel Appliance	Solid fuel inset appliance
Manufacturer:	Metal Fire
Trade mark:	Metal Fire
Type:	Ultime D 1050-50 3S
Serialnumber:	NC
Operation	Intermittent
Flue gases type:	B

Date	12-07-18
Testrig:	K 1
Requested by	Metal Fire
Filenumber:	H/2018/0011
Sample n°:	3206
Test technician:	Geert De Sutter
Jobnumber:	2018-0076
EN standard :	EN 13229:2001


REMARKS

The tested appliance is in accordance with the requirements of the standard for the verified requirements, excepted for :

Nil.

The appliance Ultime 1050-50 2S is technicaly identical to the tested Ultime 1050-50 3 S except for one side which is constructed in metal sheet instead of glass. All combustion air system and the fume exhaust are identical.

All performances measured on the "3S" model are applicable to the "2S" model.

Laboratory Manager : Olivier Thibaut	Date : 12-07-18
	
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