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BESCHEINIGUNG VON MESSERGEBNISSEN

CERTIFICATE OF TEST RESULTS

Aktenzeichen / File ref. DBI F 21/12/0927

Produkt und Typ / product and type

Festbrennstoffkessel / solid fuel boiler LNK 40 EVO (EN 303-5)

Auftraggeber (Bescheinigungsinhaber) / client (certificate holder)

NMT Heizsysteme GmbH

Hohe Straße 12

D-01558 Großenhain (Germany)

Bevollmächtigter Vertreter - Handelsmarke / Authorized representative - trademark

La Nordica S.p.A.

Via Summano 104

I-36030 Montecchio Precalcino Vicenza (Italy)

Zusammenfassung der Messergebnisse basierend auf den Daten der/des Prüfberichte/s /

Summary of the test results based on the data of the test report/s

DBI F 21/10/0897 vom / issued 19.11.2021 mit / with DBI F 21/10/0894 vom / issued 22.10.2021


| | | Nennlast / Full load | Teillast / Part load |
|--|--------------------------------|-------------------------------|----------------------|
| Brennstoff / fuel | | Stückholz (A) / wood logs (A) | |
| Nennwärmeleistung / nominal heat output | | kW | 37 |
| Brennstoffdurchsatz / fuel throughput | | kg/h | 9,2 |
| CO-Emission | bei / at 10% O ₂ | mg/m ³ | 274,4 |
| | bei / at 13% O ₂ | Vol.-% | 0,016 |
| | | mg/m ³ | 199,6 |
| | Brennstoffbezug / ref. to fuel | mg/MJ | 135,2 |
| OGC-Emission (Gesamt / total C) | bei / at 10% O ₂ | mg/m ³ | 12,2 |
| | bei / at 13% O ₂ | mg/m ³ | 8,9 |
| | Brennstoffbezug / ref. to fuel | mg/MJ | 6,8 |
| NO _x -Emission (als / as NO ₂) | bei / at 10% O ₂ | mg/m ³ | 199,3 |
| | bei / at 13% O ₂ | mg/m ³ | 145,0 |
| | Brennstoffbezug / ref. to fuel | mg/MJ | 98,2 |
| PM-Emission | bei / at 10% O ₂ | mg/m ³ | 17,6 |
| | bei / at 13% O ₂ | mg/m ³ | 12,8 |
| | Brennstoffbezug / ref. to fuel | mg/MJ | 8,6 |
| Kesselwirkungsgrad / efficiency (direct) | | % | 90,5 |
| O ₂ -Gehalt / O ₂ concentration | | Vol.-% | 6,22 |
| CO ₂ -Gehalt / CO ₂ concentration | | Vol.-% | 13,91 |
| Temperatur am Abgasstutzen / flue gas temperature | | °C | 180,0 |
| Förderdruck Abgas / flue draught | | Pa | 10,0 |
| Abgasmassenstrom / flue gas mass flow | | g/s | 19,03 |
| Kesselklasse / boiler class | | -- | 5 |

Diese Bescheinigung besteht aus 1 Seite/n und gilt nur in Verbindung mit dem/den oben genannten Prüfbericht/en. /
This certificate consists of 1 page/s and is valid only in connection with the test report/s named above.



Freiberg, 15.12.2021




Dipl.-Ing. Ronald Aßmann
Prüfstellenleiter / Head of test laboratory

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