EC Declaration of Conformity

This EC declaration of conformity applies to the product:

Alhena; 6,6 kW

a residential space heating appliance fired by solid fuel

and describes compliance with the following guidelines:

Directive 2009/125/EC of the European Parliament and of
the Council of 21 October 2009 establishing a framework for the setting
of ecodesign requirements for energy-related products (Ecodesign-Directive)

Relevant regulation: (EU) 2015/1185

Relevant norm: EN 16510

Contact adress of the manufacturer
Ch. Leibfried GmbH (Globe-fire)
An der Bundesstraße 2
D-49733 Haren

Registered trademark:

This declaration of conformity is issued under the sole responsibility of the abovementioned manufacturer.

Signed for and on behalf of the manufacturer by:

Janny Koster (Managing Director)

Haren (Ems), 18.12.2024

Declaration of Performance

Nr. 015-CPR-06112024

1. Unique identification code of the product:

   Alhena

2. Intended use of the product:

   Room heater burning solid fuel without hot water supply

3. Name and address of the manufacturer:

   Ch. Leibfried GmbH (Globe-Fire)
   An der Bundesstrasse 2
   D- 49733 Haren

4. Name and address of the manufacturer‘s representative:

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5. System of assessment (AVCP):

   System 3

6. Initial type test report:

   a. Applied norm: *EN 16510-2-3*

   b. Notified body: *SGS Belgium NV-Location Arnhem, NL-6827BX Arhnem*

   c. Test report nr.: *EZKA/2024-08/00005-1A*

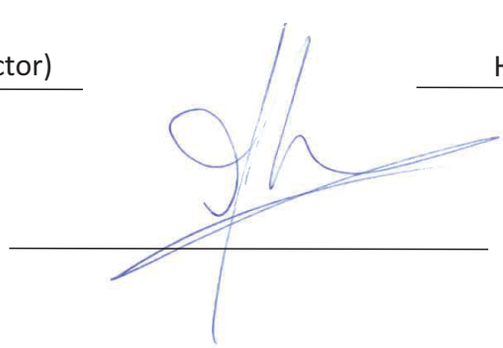
   d. Test laboratory nr.: *1639*

7. Declared performance:

Essential characteristics:	Performance:
Reaction to fire	*A1*
Fire safety	*Pass*
Minimum distances to combustibles	*Rear: 20 cm* *Sides: 30 cm* *Front (viewing window): 80 cm*
Risk of burning fuel falling out	*Pass*
CO-emissions	*≤1250 mg/Nm³ CO at 13% O2*
Surface temperature	*Pass*
Electrical safety	*NPD*
Cleanability	*Pass*
Maximum operating pressure	*NPD*
Flue gas temp. at nominal heat output	*198 °C*
Mechanical resistance	*Pass*
Seasonal space heating energy efficiency	*Pass*
Nominal heat output	*6,6 kW*
Room heating output	*6,6 kW*
Water heating output	*NPD*
Escape of harmful combustion gases	*Pass*
Energy efficiency	*76,6 %*
Harmonized technical specification	*EN 16510-2-3*
Ecodesign	*Pass*

8. The product meets the performance levels declared herein.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Janny Koster (Managing Director)

Haren (Ems), 18.12.2024