

**Declaration of performance**  
**According to Construction Products Regulation EU N° 305/2011**  
**No. Fire Alarm System 06122**

1. Unique identification code of the product type: **Gira smoke alarm device basic/VdS (1144 02) and Gira smoke alarm device basic/VdS Lithium (1146 02)**

2. Type, batch, or serial number or another mark to identify the construction product in accordance with Article 11, Section 4:

**Each individual product should be provided with a type plate which includes the unique serial number.**

3. Purpose or purposes of the construction product as intended by the manufacturer in accordance with the applicable harmonised specification:

**Battery-operated smoke alarm device for home use.**

4. Name, registered trade name or registered brand and contact address of the manufacturer in accordance with Article 11, Section 5:

**Gira Giersiepen GmbH & Co. KG, Electrical installation systems, Industriegebiet Mermbach, Dahlienstraße, 42477 Radevormwald, Germany**

5. Where applicable, name and contract address of the agent authorised to act in accordance with Article 12, Section 2:

**Not relevant**

6. System or systems to evaluate and test the performance reliability of the construction product in accordance with Appendix V:

**System 1**

7. In case of a declaration of performance which applies to a construction product that is covered by a harmonised standard:

**EN 14604:2005**

**Has notified VDS authority performed the testing of the smoke alarm device in compliance with system 1 and issued 0786-CPD-20896**

8. In case of a declaration of performance which concerns a construction product for which a European technical assessment has been issued:

**Not relevant, see item 7**

## 9. Declared performance

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the EN mentioned in the table below.

Main features	Performance <sup>1)2)</sup> (3)	Harmonised technical specification
Repeatability	PASSED	EN 14604:2005
Anisotropy	PASSED	EN 14604:2005
Initial response sensitivity (response threshold prior to environmental testing)	PASSED	EN 14604:2005
Air movement	PASSED	EN 14604:2005
Blend test	PASSED	EN 14604:2005
Dry heat	PASSED	EN 14604:2005
Cold (in operation)	PASSED	EN 14604:2005
Damp heat (in operation)	PASSED	EN 14604:2005
Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance test)	PASSED	EN 14604:2005
Impact (in operation)	PASSED	EN 14604:2005
Vibration (in operation)	PASSED	EN 14604:2005
Vibration (endurance test)	PASSED	EN 14604:2005
Drop and temporary failure of the power supply	PASSED	EN 14604:2005
Discharge of static electricity	PASSED	EN 14604:2005
Radiated electromagnetic fields	PASSED	EN 14604:2005
Fast transient bursts	PASSED	EN 14604:2005
Slow high-energy surge voltage	PASSED	EN 14604:2005
Fire response sensitivity	PASSED	EN 14604:2005
Battery fault report	PASSED	EN 14604:2005
Sound emissions	PASSED	EN 14604:2005
Durability of the signal transmitter	PASSED	EN 14604:2005
Alarm muting feature	PASSED	EN 14604:2005
Power supply fluctuations	PASSED	EN 14604:2005
Polarity reversal	PASSED	EN 14604:2005
Additional power supply	PASSED	EN 14604:2005
Electrical safety	PASSED	EN 14604:2005
<p>1) "NPD" theoretically possible; except for durability of characteristics with declared performance                  2) "not applicable" for components to which the requirement does not apply                  3) The list of options with requirements is listed in the Certificate of constancy of performance separately from the table of performance</p>		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

O. Borchmann



Director

.....  
(Name and function)

Radevormwald, the

05/09/2014

.....  
(Place and date of issue)

(Autograph)