

Declaration of Performance No. DSMOKE9V20181

According to Construction Products Regulation 305/2011

1. Product Type: Smoke Detectors
2. Product Model: SMOKE-9
3. Intended use: Fire detection and fire alarm systems installed in and around buildings
4. Manufactured by: Egardia BV

Kleine Landtong 19, 4201 HL Gorinchem, The Netherlands

5. System of Assessment: System 1

6. Assessed by: *LGA Technology Center, S.A. / Applus (Notified Body 0370)*

performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued following certificate of conformity:

0370 – CPR – 2008

7. In case of the declaration

of performance concerning

a construction product for

which a European Technical

Assessment has been issued: Not applicable

8. Declarations:

All requirements including all essential characteristics and corresponding performances have been determined as described in: EN14604:2005/AC:2008

Essential Characteristics	Harmonized Technical Specifications: EN14604	Performance
Compliance	4.1	PASS
Individual alarm indicator (optional)	4.2	PASS
Means of calibration	4.5	PASS
User replaceable components	4.6	PASS
Normal power source	4.7	PASS
Electrical safety requirements	4.9	PASS
Routine test facility	4.10	PASS
Battery connections	4.14	PASS
Protection against the ingress of foreign bodies	4.16	PASS
Additional requirements for software controlled smoke alarms	4.17	PASS
Marking and data	4.19	PASS
Repeatability	5.2	PASS
Directional dependence	5.3	PASS
Initial sensitivity	5.4	PASS
Air movement	5.5	PASS
Dazzling	5.6	PASS
Dry heat	5.7	PASS
Cold (operational)	5.8	PASS
Damp heat (operational)	5.9	PASS
Sulphur Dioxide (SO ₂) corrosion	5.10	PASS
Impact	5.11	PASS

Vibration (operational)	5.12	PASS
Vibration (endurance)	5.13	PASS
Electromagnetic Compatibility (EMC), immunity tests (operational)	5.14	PASS
Fire sensitivity	5.15	PASS
Battery fault warning	5.16	PASS
Sound output	5.17	PASS
Sounder durability	5.18	PASS
Variation in supply voltage	5.21	PASS
Battery reversal	5.22	PASS

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. 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:

Gorinchem, 3 September 2021

Marcel Annaka



Place and Date

Name and Function

Signature



Notified Body No. 0370

CERTIFICATE

No.

0370-CPR-2221

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

SMOKE ALARM DEVICES. MODEL: **SMOKE-9**

Place on the market under the name of:

EGARDIA BV

KLEINE LANDTONG, 19
4201 HL GORINCHEM (NETHERLANDS)

And produced in the manufacturing plant:

21/32302727

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14604:2005, EN 14604:2005/AC:2008

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 21st September 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed on 3rd September 2021.

The monitoring assessment will be done before 30th June 2022

Bellaterra, 3rd September 2021


LGA Technological Center, S.A.

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



This document is not valid without its technical annex; whose number coincides with the number of certificate.

You can check the validity of this certificate on our website: www.appluslaboratories.com/certified_products

0370-CPR-2221

Annexes according to **EN 14604:2005, EN 14604:2005/AC:2008**

SMOKE ALARM DEVICES

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Compliance	4.1	PASS
Individual alarm indicator (optional)	4.2	PASS
Mains-on indicator	4.3	NA
Connection of external ancillary devices	4.4	NA
Means of calibration	4.5	PASS
User replaceable components	4.6	PASS
Normal power source	4.7	PASS
Standby power source	4.8	NA
Electrical safety requirements	4.9	PASS
Routine test facility	4.10	PASS
Terminals for external conductors	4.11	NA
Smoke alarm signals	4.12	NA
Battery removal indication	4.13	NA
Battery connections	4.14	PASS
Battery capacity	4.15	NPD
Protection against the ingress of foreign bodies	4.16	PASS
Additional requirements for software controlled smoke alarms	4.17	PASS
Inter-connectable smoke alarms	4.18	NA
Marking and data	4.19	PASS
Repeatability	5.2	PASS
Directional dependence	5.3	PASS
Initial sensitivity	5.4	PASS
Air movement	5.5	PASS
Dazzling	5.6	PASS
Dry heat	5.7	PASS
Cold (operational)	5.8	PASS
Damp heat (operational)	5.9	PASS
Sulphur dioxide (SO ₂) corrosion	5.10	PASS
Impact	5.11	PASS

PASS; NPD = No Performance Determined; NA = Not Apply

0370-CPR-2221

Annexes according to **EN 14604:2005, EN 14604:2005/AC:2008**

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Vibration (operational)	5.12	PASS
Vibration (endurance)	5.13	PASS
Electromagnetic Compatibility (EMC), immunity tests (operational)	5.14	PASS
Fire sensitivity	5.15	PASS
Battery fault warning	5.16	PASS
Sound output	5.17	PASS
Sounder durability	5.18	PASS
Inter-connectable smoke alarms	5.19	NPD
Alarm silence facility (optional)	5.20	NPD
Variation in supply voltage	5.21	PASS
Battery reversal	5.22	PASS
Back-up power source	5.23	NPD
Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire	5.24	NPD

PASS; NPD = No Performance Determined; NA = Not Apply