

Declaration of Conformity - SMOKE9V20181

acc. to 2014/53/EU (RED), 2014/30/EU (EMC directive), 2014/35/EU (LVD), WEEE Directive 2002/96/EC, RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC, Construction Products Regulation 305/2011

We declare that the following product,

Description of the construction product: Smoke alarm devices – Smoke detectors
Type/model designation: SMOKE-9

complies with the technical regulations and their valid changes at the time of issuing this declaration.

Applied standards / directives were:	Title or description of the standard:
EN 14604:2005/AC:2008 (Fire Safety)	Fire alarm/detection, fire and smoke control and explosion suppression products: Control and indicating devices (fire safety).
EN 301 489-1: V2.2.0 : 2017 (EMC)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro-magnetic Compatibility (EMC) standard for radio equipment and services.
EN 301 489-3: V2.1.1 : 2017 (EMC)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro-magnetic Compatibility (EMC) standard for radio equipment and services.
EN 50130-4 (2011/A1:2014), (IEC/EN61000-4-2 (2009))-3 (2006+A2: 2010))	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2: 2013 (LVD)	Safety general requirements specifications: requirements intended to reduce risks of fire, electric shock or injury.
EN 300 220-1: V3.1.1. :2017	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Technical characteristics and test methods for radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW.
EN 300 220-2: V 3.1.1 : 2017	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Technical characteristics and test methods for radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW.
EN 62479 : 2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

Manufacturer or his authorized representative:

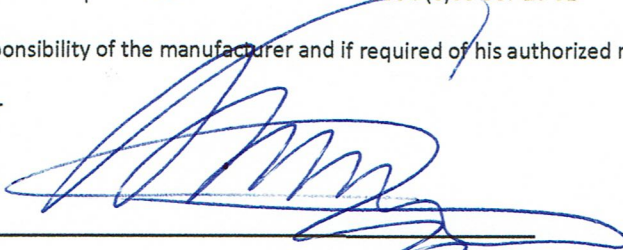
Company: Egardia B.V.
Name: Egardia
Street: Kleine Landtong 19
Postal code + Place: 4201HL Gorinchem
Country: The Netherlands
Telephone: 0031(0)88 383 8888
Fax: 0031(0)88 383 8812
Email: info@egardia.com

EN 14604 notified body:

Notified body: 0370
Name: Applus - LGAI Technological Center, S.A.
Address: Campus UAB
Ronda de la Font del Carme s/n
E-08193 Bellaterra (Barcelona)
Country: Spain
Telephone: 0034 (0)93 567 20 00
Fax: 0034 (0)93 567 20 01

This declaration was issued under the sole responsibility of the manufacturer and if required of his authorized representative:

Name: M.L. Annaka - Director
Telephone: 0031(0)88 383 8888
Fax: 0031(0)88 383 8812



Place of Issue: Gorinchem

Date of Issue: 13-03-2018

Date of first Issuance: 28-09-2017



Notified body N° 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: **SMOKE DETECTORS. MODEL: SMOKE-9**

Produced by:

EGARDIA BV

KLEINE LANDTONG, 19
4201 HL GORINCHEM (NETHERLANDS)

And produced in the manufacturing plant:

17/32300561

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances 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 26th May 2017.

The monitoring assessment will be done before June 2018

Bellaterra, 26th May 2017

 Applus⁺

LGAI Technological Center, S./

Jordi Brufau Redondo
General Manager

 Applus⁺

LGAI Technological Center, S.A.

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



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

TECHNICAL ANNEX 0370-CPR-2221
CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

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



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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

