

CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)
Notified Body Nr. 0370

No. **0370-CPR-7041**

In compliance with Regulation (EU) Nr.305/2011 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:

FIRE DETECTION AND FIRE ALARM SYSTEMS:

- SMOKE DETECTORS - POINT SMOKE DETECTORS THAT OPERATE USING SCATTERED LIGHT, TRANSMITTED LIGHT OR IONIZATION.
- FIRE ALARM DEVICES. VISUAL ALARM DEVICES

MODEL: **AE/SA-OPF**

Placed on the market under the name of:

AGUILERA ELECTRÓNICA, S.L.U.

C/ JULIÁN CAMARILLO, 26
28037 MADRID

And produced in the manufacturing plant:

C/ JULIÁN CAMARILLO, 26
28037 MADRID

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

EN 54-7:2018; EN 54-23:2010

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 19th April 2024 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The monitoring assessment will be done before 30th April 2025

Bellaterra, 19th April 2024


LGAI 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 that of the certificate.

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

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

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Annexes according to **EN 54-7:2018**

FIRE DETECTION AND FIRE ALARM SYSTEM. PART 7: SMOKE DETECTORS: POINT DETECTORS USING SCATTERED LIGHT, TRANSMITTED LIGHT OR IONIZATION.

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Individual alarm indication	4.2.1.	PASS
Connection of ancillary devices	4.2.2.	PASS
Monitoring of detachable detectors	4.2.3.	PASS
Manufacturer's adjustments	4.2.4.	PASS
On-site adjustment of response behaviour	4.2.5.	PASS
Protection against the ingress of foreign bodies	4.2.6.	PASS
Response to slowly developing fires	4.2.7.	PASS
Software controlled detector	4.2.8.	PASS
Repeatability	4.3.1.	PASS
Directional dependence	4.3.2.	PASS
Reproducibility	4.3.3.	PASS
Air movement	4.4.1.	PASS
Dazzling	4.4.2.	PASS
Variation in supply parameters	4.5.	PASS
Fire sensitivity	4.6.	PASS
Cold (operational)	4.7.1.1.	PASS
Dry heat (operational)	4.7.1.2.	PASS
Damp heat, steady state (operational)	4.7.2.1.	PASS
Damp heat, steady state (endurance)	4.7.2.2.	PASS
Sulfur dioxide (SO ₂) corrosion (endurance)	4.7.3.	PASS
Shock (operational)	4.7.4.1.	PASS
Impact (operational)	4.7.4.2.	PASS
Vibration, sinusoidal (operational)	4.7.4.3.	PASS
Vibration, sinusoidal (endurance)	4.7.4.4.	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	4.7.5.	PASS

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

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Annexes according to **EN 54-23:2010**

FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 23: FIRE ALARM DEVICES. VISUAL ALARM

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Duration of operation	4.2.1	PASS
Provision for external conductors	4.2.2	PASS
Flammability of materials	4.2.3	PASS
Enclosure protection	4.2.4	PASS
Access	4.2.5	PASS
Manufacturer's adjustments	4.2.6	PASS
On-site adjustment of behaviour	4.2.7	NA
Requirements for software controlled devices	4.2.8	PASS
Coverage volume	4.3.1	PASS
Variation of light output	4.3.2	PASS
Minimum and maximum light intensity	4.3.3	PASS
Light colour	4.3.4	PASS
Light pattern and frequency of flashing	4.3.5	PASS
Marking and data	4.3.6	PASS
Synchronization (option with requirements)	4.3.7	NA
Dry heat (operational)	4.4.1.1	PASS
Dry heat (endurance)	4.4.1.2	NA
Cold (operational)	4.4.1.3	PASS
Damp heat, cyclic (operational)	4.4.2.1	PASS
Damp heat, steady state (endurance)	4.4.2.2	PASS
Damp heat, cyclic (endurance)	4.4.2.3	NA
Shock (operational)	4.4.3.1	PASS
Impact (operational)	4.4.3.2	PASS
Vibration, sinusoidal (operational)	4.4.3.3	PASS
Vibration, sinusoidal (endurance)	4.4.3.4	PASS
Corrosion resistance – Sulphur dioxide (SO ₂) (endurance)	4.4.4	PASS
Electrical stability – EMC, immunity (operational)	4.4.5	PASS

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