

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No. **0370-CPR-6269**

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:

SMOKE ALARM DEVICES. MODEL: **SD-32**

Placed on the market under the name of:

CLIMAX TECHNOLOGY CO., LTD.

No. 258, HSIN HU 2nd ROAD, TAIPEI 114 (TAIWAN)

And produced in the manufacturing plant:

No. 258, HSIN HU 2nd ROAD, TAIPEI 114 (TAIWAN)

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 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 20th May 2022 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed on 30th June 2023.

The monitoring assessment will be done before 30th June 2024

Bellaterra, 30th June 2023




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 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	PASS
Battery removal indication	4.13	PASS
Battery connections	4.14	PASS
Battery capacity	4.15	PASS
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	NA
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	NA
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	PASS

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