



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-2915**

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: SD-8EL**

Place 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 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 9th February 2018 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 12th July 2019.

The monitoring assessment will be done before June 2020

Bellaterra, 12th July 2019

p.a.

Applus⁺
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 the number of certificate

TECHNICAL ANNEX 0370-CPR-2915

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

LGAI Technological Center, S.A. C.I.F. A63207492

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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

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