



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-3304**

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 AND CARBON MONOXIDE. MODEL: SDCO-1**

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 22nd March 2019 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-3304

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 | PASS |
| Protection against the ingress of foreign bodies | 4.16 | NA |
| Additional requirements for software controlled smoke alarms | 4.17 | NA |
| 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 (SO2) 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

TECHNICAL ANNEX 0370-CPR-3304

CERTIFICATE OF CONSTANCY OF PERFORMANCE

| 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 | NA |
| 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

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