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Notified body N° 0370

ENAC CERTIFICACIÓN N° OC-P/009

CERTIFICATE

No. 0370-CPR-2302

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:

FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 20: ASPIRATING SMOKE DETECTORS
TRADEMARK: **AUTRONICA** MODEL: **AUTROSENSE MICRA 10**

Produced by:

AUTRONICA FIRE AND SECURITY AS
HAAKON VLL'S GATE 4
N-7483 TRONDHEIM (NORWAY)

And produced in the manufacturing plant:

UTC CCS MANUFACTURING POLSKA SP. Z O.O.
UL. KOLEJOWA 24,
39-100 ROPCZYCE (POLAND)

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 54-20:2006, EN 54-20:2006/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 15th January 2016 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 modified on 22nd January 2016.

The monitoring assessment will be done before July 2016

Bellaterra, 22nd January 2016

LGAI Technological Center, S.A.
Jordi Brufau Redondo
General Manager

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.

LGAI

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Technical Annex Ed.1
15/01/2016

TECHNICAL ANNEX 0370-CPR-2302

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-20:2006, EN 54-20:2006/AC:2008**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Individual visual alarm indication	5.2	PASS
Connection of ancillary devices	5.3	PASS
Manufacturer's adjustments	5.4	PASS
On site adjustment of response behaviour	5.5	PASS
Response to slowly developing fires	5.6	PASS
Mechanical strength of the pipework	5.7	PASS
Hardware components and additional sensing elements in the sampling device	5.8	PASS
Airflow monitoring	5.9	PASS
Power supply	5.10	PASS
Data	5.11	PASS
Additional requirements for software controlled detectors	5.12	PASS
Repeatibility	6.2	PASS
Reproducibility	6.3	PASS
Variation in supply parameters	6.4	PASS
Dry heat (operational)	6.5	PASS
Cold (operational)	6.6	PASS
Damp heat, steady state (operational)	6.7	PASS
Damp heat, steady state (endurance)	6.8	PASS
Sulfer dioxide (SO2) corrosion (endurance)	6.9	PASS
Shock (operational)	6.10	PASS
Impact (operational)	6.11	PASS
Vibration, sinusoidal (operational)	6.12	PASS
Vibration, sinusoidal (endurance)	6.13	PASS
Electromagnetic compatibility (EMC) immunity tests	6.14	PASS
Fire sensitivity	6.15	PASS CLASS A CLASS B CLASS C

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