



Notified body N° 0370



CERTIFICATE

Nr.

0370-CPR-1698

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 5: HEAT DETECTORS. POINT DETECTORS. POINT HEAT DETECTOR. TRADEMARK ZITON ZP720-3P AND TRADEMARK EDWARDS EA20E-3

Produced by:

UTC FIRE & SECURITY B.V.
KELVINSTRAAT, 7
6003 DH WEERT (NETHERLANDS)

And produced in the manufacturing plant:

GULF SECURITY TECHNOLOGY CO. LTD.
No. 80 CHANGJIANG EAST ROAD, QETDZ, QINHUANGDAO, HEBEI, CHINA 066004

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 54-5:2000, EN 54-5:2000/A1:2002

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 28th March 2014 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.

Bellaterra, 28th March 2014


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LGAI Technological Center, S.A.

Jordi Brufau Redondo
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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.

TECHNICAL ANNEX**0370-CPR-1698****CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Annexes according to EN 54-5: 2000 and EN 54-5: 2000/A1: 2002

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Classification	4.2	A1 - A2
Position of heat sensitive elements	4.3	PASS
Individual alarm indication	4.4	PASS
Connection of ancillary devices	4.5	PASS
Monitoring of detachable detectors	4.6	PASS
Manufacturer's adjustments	4.7	PASS
On-site adjustment of response behaviour	4.8	PASS
Marking	4.9	PASS
Data	4.10	PASS
Additional requirements for software controlled detectors	4.11	NA
Directional dependence	5.2	PASS
Static response temperature	5.3	PASS
Response times from typical application temperature	5.4	PASS
Response times from 25 °C	5.5	PASS
Response times from high ambient temperature (dry heat operational)	5.6	PASS
Variation in supply parameters	5.7	PASS
Reproducibility	5.8	PASS
Cold (operational)	5.9	PASS
Dry heat (endurance)	5.10	PASS
Damp heat, cyclic (operational)	5.11	PASS
Damp heat, steady state (endurance)	5.12	PASS
Sulfur dioxide (SO ₂) corrosion (endurance)	5.13	PASS
Shock (operational)	5.14	PASS
Impact (operational)	5.15	PASS
Vibration, sinusoidal (operational)	5.16	PASS

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

TECHNICAL ANNEX**0370-CPR-1698**

Annexes according to EN 54-5: 2000 and EN 54-5: 2000/A1: 2002

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Vibration, sinusoidal (endurance)	5.17	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	5.18	PASS
Test for suffix S detectors	6.1	NA
Test for suffix R detectors	6.2	NA

Standard mounting base:
ZP7-SB1 (Ziton)
ASBE-2 (Edwards)

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