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Certificate of Constancy of Performance 0359-CPR-00291



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): Ziton Combined Sounder and Combined Sounder Beacon bases

(refer to attached appendix for details and conditions)

Produced by or for: EMS Security Group Limited

Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

Produced in the EMS Security Group Limited

manufacturing plant(s): Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

Intended use: Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the

standard(s):

EN 54-3:2001+A1:2002+A2:2006

Fire detection and fire alarm systems – Fire alarm devices - Sounders

EN54-25:2008+AC:2012

Fire detection and fire alarm systems – Components using radio links

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **12 February 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.

Notified Body 0359

Intertek Testing & Certification Limited Cleeve Road, Leatherhead

Surrey, KT22 7SB Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977

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Daniel Griffin

Certification Manager

D. - \$5

Date 12/02/2014

Issue

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00291

The details and condition of use for the Ziton Combined Sounder and Combined Sounder Beacon bases, placed on the market by:

EMS Security Group Limited

Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

Products compliant with EN 54-3:2001+A1:2002+A2:2006 and EN54-25:2008+AC:2012:

Variant	Description
ZR432-2PA	Ziton Combined Sounder and Detector Base
ZR432-2PAV	Ziton Combined Sounder Beacon (Red) and Detector Base

Detectors (for use with the following EN54-5 and EN54-7 detectors):

Variant	Description
ZR432-2	Ziton Wireless Class A2 heat detector / optical smoke detector (Ivory)
ZR432-2P	Ziton Wireless Class A2 heat detector / optical smoke detector (Polar white)

Conditions of use:

Suitable for indoor applications

General Notes:

- 1. Evaluated under Intertek project number G101241271.
- 2. <u>No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.</u>
- 3. The beacon function does not fall within the scope of this certificate.

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Certificate of Constancy of Performance 0359-CPR-00291



Appendix to Certificate of Constancy of Performance 0359-CPR-00291 (continued)

Table of performance for EN54-3:2001+A1:2002+A2:2006							
Harmonised technical specification							
Essential characteristics	Performance	Clauses	Notes				
Performance under fire conditions	Pass	4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C.5.3	a, b				
Operational reliability	Pass	4.4, 4.5, 4.6, 5.4, C4	а				
Durability of operational reliability; temperature resistance	Pass	5.5, 5.6, 5.7, 5.8, 5.9	c, e				
Durability of operational reliability; humidity resistance	Pass	5.8, 5.9, 5.10	С				
Durability of operational reliability; corrosion resistance	Pass	5.11					
Durability of operational reliability; shock and vibration resistance	Pass	5.12 to 5.15					
Durability of operational reliability; electrical stability	Pass	5.16	d				
Durability of operational reliability; resistance to ingress	Pass	5.17	е				

Notes:

- a. Clauses C.3.1, C.3.2, C4, C.5.1, C.5.2 and C.5.3 are only applicable to voice sounders; these clauses were therefore not applicable.
- b. Clauses C.3.2 and C.5.3 are only applicable to voice sounders with the message synchronisation option; these clauses were therefore not applicable.
- c. Clauses 5.6 and 5.10 are only applicable to outdoor sounders or outdoor voice sounders; these clauses were therefore not applicable.
- d. Clauses 5.16.2.1c, 5.16.2.1d and 5.16.2.1e are only applicable if cables are connected to the device; these clauses were therefore not applicable.
- e. For Clauses 5.5, 5.7, 5.8 and 5.17, Type A conditioning was applied.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00291 (continued)

Table of performance for EN54-25:2008+AC:2012 Harmonised technical specification						
Performance parameters under fire conditions	Pass	4.1, 4.2.2, 5.2, 8.3.7	а			
Response delay (response time to fire)	Pass	8.2.3, 8.2.6	а			
Operational reliability	Pass	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6				
Durability of operational reliability; temperature resistance	Pass	8.3.9, 8.3.10, 8.3.11	b			
Durability of operational reliability; vibration resistance	Pass	8.3.16, 8.3.17 to 8.3.19				
Durability of operational reliability; humidity resistance	Pass	8.3.12, 8.3.13, 8.3.14				
Durability of operational reliability; corrosion resistance	Pass	8.3.15				
Durability of operational reliability; electrical stability	Pass	8.3.20	c, d			

Notes:

- a. The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.
- b. Clause 8.3.10 is only applicable to outdoor sounders or outdoor voice sounders; this clause is not therefore applicable.
- c. Clauses 8.3.20.2c, 8.3.20.2d and 8.3.20.2e are only applicable if cables are connected to the device; these clauses were therefore not applicable.
- d. Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were therefore not applicable.

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