



# Certificate of Constancy of Performance



## 0359-CPR-00291

### 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. 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.
3. The beacon function does not fall within the scope of this certificate.

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

<i>Table of performance for EN54-3:2001+A1:2002+A2:2006</i>			
<b>Harmonised technical specification</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Clauses</b>	<b>Notes</b>
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	a
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	c
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	e
<b>Notes:</b>			
<p>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.</p> <p>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.</p> <p>c. Clauses 5.6 and 5.10 are only applicable to outdoor sounders or outdoor voice sounders; these clauses were therefore not applicable.</p> <p>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.</p> <p>e. For Clauses 5.5, 5.7, 5.8 and 5.17, Type A conditioning was applied.</p>			

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

<i>Table of performance for EN54-25:2008+AC:2012</i>			
<b>Harmonised technical specification</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Clauses</b>	<b>Notes</b>
Performance parameters under fire conditions	Pass	4.1, 4.2.2, 5.2, 8.3.7	a
Response delay (response time to fire)	Pass	8.2.3, 8.2.6	a
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
<b>Notes:</b>			
<p>a. <i>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.</i></p> <p>b. <i>Clause 8.3.10 is only applicable to outdoor sounders or outdoor voice sounders; this clause is not therefore applicable.</i></p> <p>c. <i>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.</i></p> <p>d. <i>Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were therefore not applicable.</i></p>			