

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00292

In compliance with Regulation (EU) No 305/2011 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(s)

Product(s): FireCell range of wireless wall and ceiling mounted beacons and sounder beacons

(refer to attached appendix for details and conditions)

Placed on the market EMS Security Group Limited

under the name or trade mark of: Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ
United Kingdom

and produced in the EMS Security Group Limited (SG- 15557)
manufacturing plant(s): Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ
United Kingdom

Texecom Ltd (SG- 11890)

St Crispin Way, Bradwood Court, Haslingden, BB4 4PW
United Kingdom

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 54-25:2008+AC:2012

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

EN 54-23:2010

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00292** on **2014-02-18** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body
0905

Certification Manager: Dipl.-Ing. Roland Heine

Date Issue: 2019-10-16

Issue: 1

Signature:



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 0905-CPR-00292

The details and conditions of use for the FireCell range of wireless wall and ceiling mounted beacons and sounder beacons, placed on the market under the name or trade mark of:

EMS Security Group Limited

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

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*):

Model	Manufacturing Location	Description
Products compliant with EN54-23:2010 and EN54-25:2008+AC:2012:		
FC-323-CA2	SG- 15557	FireCell Red Wireless Ceiling Beacon
FC-323-WA2	SG- 15557	FireCell Red Wireless Wall Beacon
FC-323-CA1	SG- 15557	FireCell White Wireless Ceiling Beacon
FC-323-WA1	SG- 15557	FireCell White Wireless Wall Beacon
Products compliant with EN54-3:2001+A1:2002+A2:2006, EN54-23:2010 and EN54 25:2008+AC:2012:		
FC-315-CA2	SG- 15557	FireCell Red Wireless Ceiling Sounder Beacon
FC-315-WA2	SG- 15557	FireCell Red Wireless Wall Sounder Beacon
FC-315-CA1	SG- 15557	FireCell Wireless White Ceiling Sounder Beacon
FC-315-WA1	SG- 15557	FireCell Wireless White Wall Sounder Beacon

Bases:

The above devices are intended for use with the following wireless bases

Variant	Description
FC-171-001	White Wireless Sounder Beacon Base
FC-171-002	Red Wireless Sounder Beacon Base

Approved settings / Conditions:

EN54-3:2001+A1:2002+A2:2006:

Synchronization

Compliant tones: 1, 2, 3, 6, 7 and 13

EN54-23:2010:

Category: Ceiling mounted beacons C-3-15: Wall mounted beacons W-3.1-11.3

Flash rates: 0.5 and 1Hz

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Conditions of use:

Suitable for indoor applications (Type A)

General Notes:

1. Evaluated under Intertek project number G101457913.
2. The wireless base is manufactured by EMS Security Group and the sounder/beacon is manufactured by Texecom.
3. 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.

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Packing variants

The approved beacons and sounder beacons could be supplied complete with a base assembly. The packing variants had the following part numbers:

Products compliant with EN54-23:2010 and EN54-25:2008+AC:2012:

Variant	Description
FC-320-001	Red Wireless Wall Beacon and Red Wireless Sounder Beacon Base <i>FC-323-WA2 with FC-171-002</i>
FC-320-002	Red Wireless Ceiling Beacon and Red Wireless Sounder Beacon Base <i>FC-323-CA2 with FC-171-002</i>
FC-320-005	White Wireless Wall Beacon and White Wireless Sounder Beacon Base <i>FC-323-WA1 with FC-171-001</i>
FC-320-006	White Wireless Ceiling Beacon and White Wireless Sounder Beacon Base <i>FC-323-CA1 with FC-171-001</i>

Products compliant with EN54-3:2001+A1:2002+A2:2006, EN54-23:2010 and EN54-25:2008+AC:2012:

Variant	Description
FC-320-003	Red Wireless Wall Sounder Beacon and Red Wireless Sounder Beacon Base <i>FC-315-WA2 with FC-171-002</i>
FC-320-004	Red Wireless Ceiling Sounder Beacon and Red Wireless Sounder Beacon Base <i>FC-315-CA2 with FC-171-002</i>
FC-320-007	White Wireless Wall Sounder Beacon and White Wireless Sounder Beacon Base <i>FC-315-WA1 with FC-171-001</i>
FC-320-008	White Wireless Ceiling Sounder Beacon and White Wireless Sounder Beacon Base <i>FC-315-CA1 with FC-171-001</i>

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Table of performance for EN54-3:2001+A1:2002+A2:2006 Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance parameters 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, e
Operational reliability	Pass	4.4, 4.5, 4.6, 5.4, C4	
Durability of operational reliability; temperature resistance	Pass	5.5, 5.6, 5.7, 5.8, 5.9	c
Durability of operational reliability; vibration resistance	Pass	5.12 to 5.15	
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; electrical stability	Pass	5.16	d
Durability of operational reliability; Resistance to ingress	Pass	5.17	
Notes: <ul style="list-style-type: none"> a. a) C.3, C.4, C.5.1, C.5.2 and C.5.3 apply only to voice sounders. b. b) C.3.2 and C.5.3 apply only to voice sounders with the message synchronisation option. c. c) 5.6 and 5.10 applies only to outdoor sounders or outdoor voice sounders. d. d) 5.16 applies only to sounders or voice sounders with active electronic components e. 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. 			

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Table of performance for EN54-23:2010

Harmonised technical specification

Essential characteristics	Performance	Clauses	Notes
Performance parameters under fire conditions	Pass	4.3.1, 4.3.2, 4.3.3, 4.3.4 4.3.5, 4.3.6, 4.3.7	a
Operational reliability	Pass	4.2.1, 4.2.2, 4.2.3, 4.2.4 4.2.5, 4.2.6, 4.2.7, 4.2.8	
Durability of operational reliability; temperature resistance	Pass	4.4.1.1, 4.4.1.2, 4.4.1.3	
Durability of operational reliability; vibration resistance	Pass	4.4.3.1, 4.4.3.2, 4.4.3.3, 4.4.3.4	
Durability of operational reliability; humidity resistance	Pass	4.4.2.1, 4.4.2.2, 4.4.2.3	
Durability of operational reliability; corrosion resistance	Pass	4.4.4	
Durability of operational reliability; electrical stability	Pass	4.4.5	

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.

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Table of performance for EN54-25:2008+AC:2012 Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
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	
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	b
Durability of operational reliability; corrosion resistance	Pass	8.3.15	
Durability of operational reliability; electrical stability	Pass	8.3.20	c
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 8.3.13 is only applicable for CIE and smoke detectors. c. Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were therefore not assessed.			

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