

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP19005

1. Product family:

FireAngel SB1-XX, Angeleye SB1-AE-XX FireAngel SB5-XX, Angeleye SB5-AE-XX, FireAngel SW1-XX and FireAngel SW1-PF-XX, FireAngel SCB10-XX, Angeleye SCB10-AE-XX
XX- suffix denotes country code

2. Intended use:

Optical Smoke Alarm Device for residential applications

3. Name, Registered Trade Name and address of Manufacturer:

Ningbo Siterwell Electronics Company Ltd
NO.666 Qingfeng Road, Jiangbei District,
Ningbo, Zhejiang Province.
CHINA

4. Name, address of authorised representative

FireAngel Safety Technology Limited
Vanguard Centre, Sir William Lyons Road
Coventry, CV4 7EZ UK

5. Declaration of Performance concerning construction product covered by harmonised standard:

EN 14604:2005+AC:2008

6. Systems or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 1

7. Certified by: INTERTEK DEUTSCHLAND GMBH, Stangenstraße 1, 70771 LEINFELDEN-ECHTERDINGEN. Germany

The certification body performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

Certificate of Constancy of Performance:

0905-CPR-00649 (SB1-XX, SB1-AE-XX, SB5-XX, SB5-AE-XX)
0905-CPR-00650 (SW1-XX and SW1-PF-XX)
0905-CPR-00690 (SCB10-XX and SCB10-AE-XX)

8. Declared performance

All requirements including essential characteristics and corresponding performances for intended use or uses as described in point 2 and in accordance with essential characteristics listed in the table below (point 9).

9. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 8.

Essential Characteristics	EN14604:2005 Clause	Performance	Notes
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	PASS	See note 1
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	PASS	See note 2 and note 3
Tolerance to supply voltage	5.21	PASS	
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	PASS	
Durability of operational reliability, vibration resistance	5.12, 5.13	PASS	
Durability of operational reliability, humidity resistance	5.9	PASS	
Durability of operational reliability, corrosion resistance	5.10	PASS	
Durability of operational reliability, electrical stability	5.14	PASS	
Note: The products covered by this standard are assumed to operate, 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.			

Note 1: Clauses 4.18 and 5.19 are not applicable for models SB1-XX, SB1-AE-XX, SB5-XX, SB5-AE-XX, SCB10-XX and SCB10-AE-XX

Note 2: Clauses 4.3, 4.4, 4.8, 4.11, and 5.23 are not applicable for models SB1-XX, SB1-AE-XX, SB5-XX, SB5-AE-XX

Note 3: Clauses 4.3, 4.4, 4.8, 4.11, 4.13, 4.14, 5.22 and 5.23 are not applicable for SCB10-XX and SCB10-AE-XX



I M Ballinger
Head of Projects and Certification
Date: 22nd August 2019

Document ref – FSTDOP19005

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00690

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): **Smoke and Carbon Monoxide Alarm**
(refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of: **FireAngel Safety Technology Ltd.**
Vanguard Centre, Sir William Lyons Road, Coventry, CV4 7EZ
United Kingdom

and produced in the manufacturing plant(s): **Siterwell Electronics Co. Ltd. (SG- 15306)**
No. 666 Qingfeng Road, Jiangbei District, Ningbo, Zhejiang Province
P. R. China

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 14604:2005+AC:2008

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-00690** on **2018-11-13** 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.

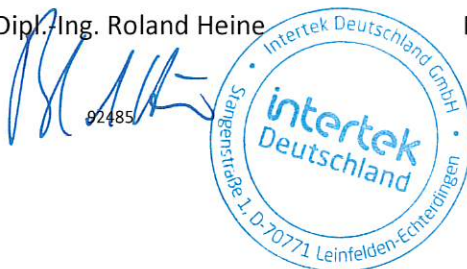
Notified Body 0905

Certification Manager: Dipl.-Ing. Roland Heine

Date Issue: 2019-11-27

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.

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00690

APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00690

The details and conditions of use for the Smoke and Carbon Monoxide Alarm, placed on the market under the name or trademark of:

FireAngel Safety Technology Ltd.

Vanguard Centre, Sir William Lyons Road, Coventry, CV4 7EZ, 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*):

Products compliant with EN 14604:2005+AC:2008

Model	Manufacturing Location	Description
FireAngel SCB10-xx	SG- 15306	Smoke and Carbon Monoxide Alarm
AngelEye SCB10-AE-xx	SG- 15306	Smoke and Carbon Monoxide Alarm

Notes:

1. 'Model' refers to the 'Packing Code'.
2. '-xx' denotes country, language and trade variants. Please refer to the following page for approved options.

Batteries:

The FireAngel SCB10-xx and AngelEye SCB10-AE-xx Smoke and Carbon Monoxide Alarms contain 1 x built-in (non-replaceable) 3V lithium-ion battery, Type EVE CR17450; 10-year battery life.

Conditions of use:

Suitable for indoor applications only

General Notes:

1. Evaluated under Intertek project number 103281722.
2. The FireAngel SCB10-xx and AngelEye SCB10-AE-xx Smoke and Carbon Monoxide Alarms have not been approved for installation into leisure accommodation vehicles (LAVs).
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.

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.

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00690

APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00690

Country, language and trade variants:

No suffix	United Kingdom
-AT	Austria
-AUS	Australia
-BE	Belgium
-BNL	Dual Language Belgium and Netherlands
-CEU	Central Europe
-DE	Germany
-DK	Denmark
-EEU	Eastern Europe
-ES	Spain
-EU	Generic European Variant
-FI	Finland
-FR	France
-HU	Hungary
-INT	International
-IT	Italy
-NCC	National Caravan Council
-NEU	Northern Europe
-NL	Netherlands
-NO	Norway
-PL	Poland
-Q	B&Q
-R	Retail
-SC	Scandinavia
-SE	Sweden
-SEU	Southern Europe
-T	Trade

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.

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP19001

1. Product family:

FireAngel ST-620-XX, Angeleye ST-AE620-XX, FireAngel ST-622-XX, Angeleye ST-AE622-XX
FireAngel ST-623E-XX, Angeleye ST-AE623E-XX, FireAngel ST-750-XX, Angeleye ST-AE750-XX, FireAngel
WSM-SN-1, FireAngel SM-SN-1, FireAngel WST-230, FireAngel ST-230, FireAngel WSM-F-1XX,
FireAngel SM-F-1XX

XX- suffix denotes country code

2. Intended use:

Fire safety-Thermoptek Optical Smoke Alarm Device for residential applications

3. Name, Registered Trade Name and address of Manufacturer:

FireAngel Safety Technology Limited
Vanguard Centre, Sir William Lyons Road
Coventry, CV4 7EZ, UK

4. Declaration of Performance concerning construction product covered by harmonised standard:

EN 14604:2005+AC:2008

5. Systems or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 1

6. Certified by: BSI, John M Keynesplein 9, 1066 EP Amsterdam, Netherlands.

The certification body performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

Certificate of Constancy of Performance:

2797-CPR-676744

7. Declared performance

All requirements including essential characteristics and corresponding performances for intended use or uses as described in point 2 and in accordance with essential characteristics listed in the table below (point 8).

8. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 7.

Essential Characteristics	EN14604:2005 Clause	Performance	Notes
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	PASS	See Note 1
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	PASS	See Note 2 and Note 3
Tolerance to supply voltage	5.21	PASS	
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	PASS	
Durability of operational reliability, vibration resistance	5.12, 5.13	PASS	
Durability of operational reliability, humidity resistance	5.9	PASS	
Durability of operational reliability, corrosion resistance	5.10	PASS	
Durability of operational reliability, electrical stability	5.14	PASS	
Note: The products covered by this standard are assumed to operate, 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.			

Note 1: Clauses 4.18 and 5.19 are not applicable for models ST-620, ST-622, ST-623E, ST-750.

Note 2: Clauses 4.3, 4.4, 4.8, 4.11, 4.13, 4.14, 5.22 and 5.23 are not applicable for models ST-620, ST-622, ST-750.

Note 3: Clauses 4.3, 4.4, 4.8, 4.11 and 5.23 are not applicable for ST-623E.

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I Ballinger
Certification Manager

Date: 1st May 2019

Document ref – FSTDOP19001
Issue 1

Declaration of Performance

According to Construction Products Regulation EU No 305/2011

FSTDOP18004

1. Product family:

FireAngel ST-625, FireAngel ST-625, Angeleye ST-AE625-XX
XX- suffix denotes country code

2. Intended use:

Thermoptek Optical Smoke Alarm Device for residential applications

3. Name, Registered Trade Name and address of Manufacturer:

FireAngel Safety Technology Limited
Vanguard Centre
Sir William Lyons Road
Coventry
CV4 7EZ
UK

4. Declaration of Performance concerning construction product covered by harmonised standard:

EN 14604:2005+AC:2008

5. Systems or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

System 1

6. Certified by: AFNOR Certification, 11, rue Francais de Pressence, 93571 La Plaine Saint-Denis
Cedex, France

The certification body performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

Certificate of Constancy of Performance:

0333-CPR-292075 (ST-AE625-FR)
0333-CPR-292075-1 (ST-625-FR)
0333-CPR-292075-2 (ST-625)

7. Declared performance

All requirements including essential characteristics and corresponding performances for intended use or uses as described in point 2 and in accordance with essential characteristics listed in the table below (point 8).

8. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in point 7.

Essential Characteristics	EN14604:2005 Clause	Performance	Notes
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	PASS	See note 1
Operational reliability	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	PASS	See note 2
Tolerance to supply voltage	5.21	PASS	
Durability of operational reliability and response delay, temperature resistance	5.7, 5.8	PASS	
Durability of operational reliability, vibration resistance	5.12, 5.13	PASS	
Durability of operational reliability, humidity resistance	5.9	PASS	
Durability of operational reliability, corrosion resistance	5.10	PASS	
Durability of operational reliability, electrical stability	5.14	PASS	
Note: The products covered by this standard are assumed to operate, 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.			

Note 1: Clauses 4.18 and 5.19 are not applicable

Note 2: Clauses 4.3, 4.4, 4.8, 4.11, and 5.23 are not applicable

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Certification Manager

Date: 1st May 2018

Document ref – FSTDOP18004
Issue 1