

# Certificate of Constancy of Performance

This is to certify that:

Kidde Safety (Europe) Ltd  
Mathisen Way  
Colnbrook  
Slough  
SL3 0HB  
United Kingdom

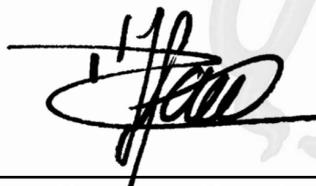
Holds Certificate Number:

2797 CPR 535595

In respect of:

**EN 14604: 2005**  
**Smoke Alarm Devices**

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 above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 are applied and that the product fulfils (products fulfil) all the prescribed requirements set out above. This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared essential characteristics, do not change and the products(s), and the manufacturing conditions in the plants(s) are not modified significantly.



For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 2797):

Previous Notified Body: BSI 0086

First Issued: 2008-05-15

\_\_\_\_\_  
Drs. Dave Hagenaaars, Managing Director

Latest Issue: 2019-03-26

Page: 1 of 8

...making excellence a habit.™

# Certificate of Constancy of Performance

No. 2797 CPR 535595

Manufacturing Plant: **Dongguan Changan Fyrnetics Electronics Factory**  
No 3. Industrial Estate  
Changan Town  
DongGuan City  
GuangDong Province  
China

## Product Information

### Battery Powered Smoke Alarms

Model Reference	Type
PE910UK	Photoelectric Smoke Alarm with Alarm Silence Function and Non-replaceable Long Life Battery
PE910	Photoelectric Smoke Alarm with Alarm Silence Function and Non-replaceable Long Life Battery
10Y29	Photoelectric Smoke Alarm with Alarm Silence Function and Non-replaceable Long Life Battery
10SCO	Combined Photoelectric Smoke and CO Alarm with Alarm Silence Function and User-replaceable Battery

**Note 1:** The 10Y29 battery powered smoke alarm is suitable for use with Sticky Pad type: 1.37.92.

### Mains Powered Smoke Alarms

Model Reference	Type
1275H	Ionisation Smoke Alarm with Battery Back-up, Interconnect and Alarm Silence Function

First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 2 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Product Information

### Mains Powered Smoke Alarms (continued)

Model Reference	Type
123/9HI	Ionisation Smoke Alarm with Battery Back-up, Interconnect and Alarm Silence Function
123/9HILL	Ionisation Smoke Alarm with Battery Back-up, Interconnect and Alarm Silence Function
1SF23/9HI	Ionisation Smoke Alarm with Back-up Battery, Interconnect and Alarm Silence Function
1SF23/9HIR	Ionisation Smoke Alarm with Re-chargeable Battery Back-up, Interconnect and Alarm Silence Function
1SFW	Ionisation Smoke Alarm with Back-up Battery, Interconnect and Alarm Silence Function
1SFWR	Ionisation Smoke Alarm with Re-chargeable Battery Back-up, Interconnect and Alarm Silence Function
2SF23/9HI	Photoelectric Smoke Alarm with Alarm Silence and Back-up Battery
2SF23/9HIR	Photoelectric Smoke Alarm with Alarm Silence and Non-Replaceable Battery Back-up
2SFW	Photoelectric Smoke Alarm with Alarm Silence and Back-up Battery
2SFWR	Photoelectric Smoke Alarm with Alarm Silence and Non-Replaceable Battery Back-up

First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 3 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Product Information

### Mains Powered Smoke Alarms (continued)

Model Reference	Type
KF1	Ionisation Smoke Alarm with Replaceable Battery Back-up, Interconnect and Alarm Silence Function
KF1R	Ionisation Smoke Alarm with Non-replaceable rechargeable lithium Battery Back-up, Interconnect and Alarm Silence Function
KF10	Ionisation Smoke Alarm with Replaceable Battery Back-up, Interconnect and Alarm Silence Function
K10C	Ionisation Smoke Alarm with Replaceable Battery Back-up, Interconnect and Alarm Silence Function
KF10R	Ionisation Smoke Alarm with Non-replaceable rechargeable lithium Battery Back-up, Interconnect and Alarm Silence Function
KF10LL	Ionisation Smoke Alarm with Replaceable Lithium Battery Back-up, Interconnect and Alarm Silence Function
KF2	Photoelectric Smoke Alarm with Replaceable Battery Back-up, Alarm Silence and Interconnect Function
KF2R	Photoelectric Smoke Alarm with Alarm Silence and Interconnect Function and non-replaceable Rechargeable Lithium Battery Back-up
KF20	Photoelectric Smoke Alarm with Replaceable Battery Back-up, Alarm Silence and Interconnect Function
K20C	Photoelectric Smoke Alarm with Replaceable Battery Back-up, Alarm Silence and Interconnect Function
KF20R	Photoelectric Smoke Alarm with Alarm Silence and Interconnect Function and non-replaceable Rechargeable Lithium Battery Back-up
KF20LL	Photoelectric Smoke Alarm with Replaceable Lithium Battery Back-up, Alarm Silence and Interconnect Function

**Note 2:** The RF-SFTP RF mounting base is suitable for use with the 2SFW and 2SFWR smoke alarms.

First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 4 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Product Information

<b>Fyrnetics Model Reference</b>	<b>Alternative Branded Model Reference</b>	<b>Supplier / Brand</b>
10Y29	SDLLSM	BG Industries Limited
	NH10SM	Kidde / NightHawk
K10C	SDMIA	BG Industries Limited
	NLION	Rexel UK Limited
K20C	SDMOA	BG Industries Limited
	NLOPT	Rexel UK Limited



First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 5 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Appendix 1

Harmonised Technical Specification		EN 14604:2005
Essential Characteristics	Performance	Clause
<b>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</b>		
Smoke alarm signals	Pass	4.12
Inter-connectable smoke alarms	Pass	4.18
Repeatability	Pass	5.2
Directional dependence	Pass	5.3
Initial sensitivity	Pass	5.4
Air movement	Pass	5.5
Dazzling	Pass	5.6
Fire sensitivity	Pass	5.15
Sound output	Pass	5.17
Sounder durability	Pass	5.18
Inter-connectable smoke alarms	Pass	5.19
Alarm silence facility	Pass	5.20
<b>Operational Reliability</b>		
Compliance	Pass	4.1
Individual alarm indicator	Pass	4.2
Mains on indicator	Pass	4.3
Connection of external ancillary devices	Pass	4.4
Means of calibration	Pass	4.5
User replaceable components	Pass	4.6
Normal power source	Pass	4.7
Standby power source	Pass	4.8
Electrical safety requirements	Pass	4.9, 5.24
Routine test facility	Pass	4.10
Terminals for external conductors	Pass	4.11
Battery removal indication	Pass	4.13
Battery connections	Pass	4.14

First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 6 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Appendix 1 (continued)

Harmonised Technical Specification		EN 14604:2005
Essential Characteristics	Performance	Clause
<b>Operational Reliability</b>		
Battery capacity	Pass	4.15
Protection against the ingress of foreign bodies	Pass	4.16
Additional requirements for software controlled smoke alarms	Pass	4.17
Marking and data	Pass	4.19
Impact	Pass	5.11
Battery fault warning	Pass	5.16
Battery reversal	Pass	5.22
Backup power source	Pass	5.23
<b>Tolerance to supply voltage</b>		
Variation in supply voltage	Pass	5.21
<b>Durability of Operational Reliability</b>		
Dry heat	Pass	5.7
Cold (operational)	Pass	5.8
Damp heat (operational)	Pass	5.9
Sulphur dioxide (SO <sub>2</sub> ) corrosion	Pass	5.10
Vibration (operational)	Pass	5.12
Vibration (endurance)	Pass	5.13
<b>Durability of Operational Reliability, Electrical Stability</b>		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.14

First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 7 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# Certificate of Constancy of Performance

No. 2797 CPR 535595

## Manufacturing Plant

Dongguan Changan Fynetics Electronics  
Factory  
No.1 Rongwen Road  
No. 3 Industrial Estate  
Changan  
Dongguan  
Guangdong  
523842  
China

## Certified Activities

Battery & Mains Powered Smoke Alarms



First Issued: 2008-05-15

Latest Issue: 2019-03-26

Page: 8 of 8

This certificate has been issued by and remains the property of BSI Group The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands and should be returned immediately upon request.  
To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.