

Certificate of Constancy of Performance

This is to certify that:

Sprue Safety Products Limited
A division of Sprue Aegis plc
Vanguard Centre
Sir William Lyons Road
Coventry
CV4 7EZ
United Kingdom

Holds Certificate Number:

0086-CPR-597993

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 0086):



Gary Fenton, Global Product Certification Director

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 1 of 11

...making excellence a habit.™

Certificate of Constancy of Performance

No. 0086-CPR-597993

Manufacturing Plant:

Shenzhen CICAM Manufacturing Co., Limited
Block 12, Antuoshan High-tech Industrial Park
Xinsha Road, Shajing Street
Baoan District
Shenzhen
518104
China

Product Information

Battery Powered Smoke Alarms

Model Reference	Type
SA410AP	Photoelectric Smoke Alarm with Alarm Silence Function.
SA410LL	Photoelectric Smoke Alarm with Alarm Silence Function and Long Life Lithium Battery.
SA410LLi	Photoelectric Smoke Alarm with Alarm Silence, Interconnect Function and Long Life Lithium Battery.
Micro 300	Ionisation Smoke Alarm.
Micro 300AP	Ionisation Smoke Alarm with Alarm Silence Function.
Micro 300i	Ionisation Smoke Alarm with Interconnect.
SA900	Ionisation Smoke Alarm with Long Life Lithium Battery.
SA900Si	Ionisation Smoke Alarm with Interconnect Function and Non-replaceable Lithium Battery.
SCO5	Combined Photoelectric Smoke and CO Alarm with Alarm Silence Function and User-Replaceable Battery.

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 2 of 11

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Certificate of Constancy of Performance

No. 0086-CPR-597993

Product Information (continued)

Mains Powered Smoke Alarms

Model Reference	Type
670M	Ionisation Smoke Alarm with Interconnect and Alarm Silence Function.
670MC	Ionisation Smoke Alarm with Rechargeable Capacitor Back-up, Interconnect and Alarm Silence Function.
670MBX	Ionisation Smoke Alarm with 9V(PP3) Battery Back-up, Interconnect and Alarm Silence Function.
670MRL	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Interconnect and Alarm Silence Function.
770MBX	Ionisation Smoke Alarm with 9V(PP3) Battery Back-up, Interconnect, Alarm Silence Function and Push Fit / Docking Station Base.
770MRL	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Interconnect, Alarm Silence Function and Push Fit / Docking Station Base.

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 3 of 11

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Certificate of Constancy of Performance

No. 0086-CPR-597993

Model Reference	Alternative Branded Model	Supplier
M300	SA200Q	First Alert
	SA202Q	First Alert
	M300	Sprue Safety Products Limited
	M300T (Twin Pack)	Sprue Safety Products Limited
	Sa200	Sprue Safety Products Limited
	Sa202BUK (Twin Pack)	Sprue Safety Products Limited
	SA302CUK	Sprue Safety Products Limited
	Acel AC-5040	Electric Centre, Wolsely, UK
	AL6637	Hagemeyer
	NL3630	Newey & Eyre
	SD1M	Rexel Senate (Sector)
	WICKES - M300W	Wickes
	M300TW (Twin Pack)	Wickes
M300W	Wickes	
M300AP	M300AP	Sprue Safety Products Limited
	WICKES - M300AP	Wickes
	Deta 1101	Deta Electrical Ltd
M300i	M300i	Sprue Safety Products Limited
M300T (Twin Pack)	WICKES - M300TW	Wickes

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 4 of 11

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No. 0086-CPR-597993

Model Reference	Alternative Branded Model	Supplier
SA410AP	SO501-AE-FR	AngelEye France
	TPSO501-AE-FR	AngelEye France
	BRK SA410	Sprue Safety Products Limited
	First Alert SA700	Sprue Safety Products Limited
	First Alert SA700APCE	Sprue Safety Products Limited
	First Alert SA700CE	Sprue Safety Products Limited
	First Alert SA700CF	Sprue Safety Products Limited
	First Alert SA702	Sprue Safety Products Limited
	First Alert SA702CE	Sprue Safety Products Limited
	First Alert SA703 (Triple pack)	First Alert
	SIDOREXSA7 (Retail pack)	Siemens SAS
	SIDOREXSA4 (Trade pack)	Siemens SAS
	SO-AEB-100-FR	AngelEye
	SA700-AE-UK	AngelEye
	SA700L-AE-UK	AngelEye
	SA700-AE	AngelEye
	SA702-AE	AngelEye
SA410LL	BRK SA410L	Sprue Safety Products Limited
	First Alert SA700L	Sprue Safety Products Limited
	First Alert SA700LL	Sprue Safety Products Limited
	First Alert SA700LLE	Sprue Safety Products Limited
	First Alert SA700LLCE	Sprue Safety Products Limited
	SA700Q	First Alert
	SA700L-AE	AngelEye

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 5 of 11

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No. 0086-CPR-597993

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SA410LLi	SA702Q	First Alert
	SA700LUKW	Wickes
	SO510-AE-FR	AngelEye France
	TPSO510-AE-FR	AngelEye France
	BRK SA410Li	Sprue Safety Products Limited
	BRK SA410LLi	Sprue Safety Products Limited
	First Alert SA700Li	Sprue Safety Products Limited
	First Alert SA700LLi	Sprue Safety Products Limited
	SIDOREXSA7L (Retail pack)	Siemens SAS
	SIDOREXSA4L (Trade pack)	Siemens SAS
	SA700UKW	Wickes
	SA700Li-AE	AngelEye
SA300	SA300	Sprue Safety Products Limited
	First Alert SA300L	Sprue Safety Products Limited
	First Alert SA300Li	Sprue Safety Products Limited
	SA300Q	First Alert
	SA300-AE-UK	AngelEye
	SA900Si	SA900Si
Deta 1103		Deta Electrical Ltd

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 6 of 11

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Certificate of Constancy of Performance

No. 0086-CPR-597993

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SA900	SA900	Sprue Safety Products Limited
	SA900CBUK	Dicon Safety Products
	SA902CBUK	Dicon Safety Products
670M	670M	Sprue Safety Products Limited
	Acel AC-5050	Electric Centre, Wolsely, UK
	AL6639	Hagemeyer
	NL3632	Newey & Eyre
670MC	670MC	Sprue Safety Products Limited
	Acel AC-5080	Electric Centre, Wolsely, UK
	SD4	Rexel Senate (Sector)
670MRL	670MRL	Sprue Safety Products Limited
	Acel AC-5070	Electric Centre, Wolsely, UK
670MBX	670MBX	Sprue Safety Products Limited
	Deta 1111	Deta Electrical Ltd
	Acel AC-5060	Electric Centre, Wolsely, UK
	AL6638	Hagemeyer
	Legrand 681431	Legrand
NL3631	Newey & Eyre	

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 7 of 11

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Certificate of Constancy of Performance

No. 0086-CPR-597993

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670MBX	SD3+	Rexel Senate (Sector)
	TWD-AI	Volex / Electrium
	WICKES - 670MBX	Wickes
770MBX	1151	Deta Electrical Ltd
	770MBX	Sprue Safety Products Limited
	770MBXW	Wickes
770MRL	770MRL	Sprue Safety Products Limited
SCO5	SCO5-AE	AngelEye
	SCO5CE	First Alert
	SCO5UK	First Alert
	SCO5-F	FireAngel
	SCO5Q	FireAngel
	SCO5JL	John Lewis

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 8 of 11

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No. 0086-CPR-597993

Approval also includes the certified model number with one of the following suffixes to denote the language / country variant / packaging option or specific brand:

Suffix	Country Variant	Suffix	Country Variant
-AT	Austria	-AUS	Australia
-BE	Belgium	-(BE)	Box Europe
-(BF)	Box France	-(BG)	Box Germany
-BNL	Dual Language Belgium & Netherlands	-(BUK)	Box UK
-(CE)	Clamshell Europe	-CEU	Central Europe
-(CF)	Clamshell France	-(CBUG)	Clam Box UK
-DE	Germany	-DK	Denmark
-EEU	Eastern Europe	-EU	Generic European Variant
-ES	Spain	-FI	Finland
-FR	France	-FF	Contains Fast Fit Bracket
-HU	Hungary	-INT	International
-IT	Italy	-(LCE)	Long Life Clamshell Europe
-(LE)	Box Long Life Europe	-NEU	Northern Europe
-(NF)	Box Netherlands/France	-NL	Netherlands
-NO	Norway	-PL	Poland
-Q	B&Q	-R	Retail
-SC	Scandinavia	-SE	Sweden
-SEU	Southern Europe	-SV	ServeCount variant (Germany)
-T	Trade	-UK	UK Clamshell

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 9 of 11

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No. 0086-CPR-597993

Appendix 1

Harmonised Technical Specification		EN 14604:2005
Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
Smoke alarm signals	Pass	4.12
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
Alarm silence facility	Pass	5.20
Operational Reliability		
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
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

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 10 of 11

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Appendix 1 (continued)

Harmonised Technical Specification		EN 14604:2005
Essential Characteristics	Performance	Clause
Tolerance to supply voltage		
Variation in supply voltage	Pass	5.21
Durability of Operational Reliability		
Dry heat	Pass	5.7
Cold (operational)	Pass	5.8
Damp heat (operational)	Pass	5.9
Sulphur dioxide (SO ₂) corrosion	Pass	5.10
Vibration (operational)	Pass	5.12
Vibration (endurance)	Pass	5.13
Durability of Operational Reliability, Electrical Stability		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.14

First Issued: 28/04/2014

Latest Issue: 20/05/2016

Page: 11 of 11

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