

SITERWELL ELECTRONICS CO., LIMITED NO.666 QINGFENG ROAD, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA

DECLARATION OF PERFORMANCE

No. GS526G-CPR-001

1 Unique identification of the product: Smoke alarm GS526

2 Intended use: Fire Safety

3 Manufacturer: Siterwell Electronics CO., Limited

No. 666 Qingfeng Road, Jiangbei District,

Ningbo, Zhejiang Province, China

4 System of AVCP: System 1

5 Harmonized standard: EN 14604:2005/AC:2008

Notified body: 0786

6 Declared performances:

Essential Characteristics	Performance	Harmonized technical specification
Nominal activation conditions / sensitivity /		
response delay (response time) and performance		
under fire conditions (1)		
Smoke alarm signals	<u>PASS</u>	EN 14604:2005/AC:2008 cl 4.12
Inter-connectable smoke alarms	<u>NPD</u>	EN 14604:2005/AC:2008 cl 4.18
Repeatability	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.2
<u>Directional dependence</u>	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.3
<u>Initial sensitivity</u>	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.4
Air movement	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.5
Dazzling	PASS	EN 14604:2005/AC:2008 cl 5.6
Fire sensitivity	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.15
Sound output	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.17
Sounder durability	<u>PASS</u>	EN 14604:2005/AC:2008 cl 5.18
Inter-connectable smoke alarms	<u>NPD</u>	EN 14604:2005/AC:2008 cl 5.19
Alarm silence facility (optional)	<u>NPD</u>	EN 14604:2005/AC:2008 cl 5.20
Operating reliability		
Compliance	PASS	EN 14604:2005/AC:2008 cl 4.1
Individual alarm indicator (optional)	PASS	EN 14604:2005/AC:2008 cl 4.2
Mains-on indicator	<u>NPD</u>	EN 14604:2005/AC:2008 cl 4.3
Connection of external ancillary devices	NPD	EN 14604:2005/AC:2008 cl 4.4
Means of calibration	<u>PASS</u>	EN 14604:2005/AC:2008 cl 4.5
User replaceable components	PASS	EN 14604:2005/AC:2008 cl 4.6
Normal power source	PASS	EN 14604:2005/AC:2008 cl 4.7
Standby power source	NPD	EN 14604:2005/AC:2008 cl 4.8
Electrical safety requirements	PASS	EN 14604:2005/AC:2008 cl 4.9
Routine test facility	PASS	EN 14604:2005/AC:2008 cl 4.10
Terminals for external conductors	NPD	EN 14604:2005/AC:2008 cl 4.11
Battery removal indication	PASS	EN 14604:2005/AC:2008 cl 4.13
Battery connections	PASS	EN 14604:2005/AC:2008 cl 4.14
Battery capacity	PASS	EN 14604:2005/AC:2008 cl 4.15
Protection against the ingress of foreign bodies	PASS	EN 14604:2005/AC:2008 cl 4.16
Additional requirements for software controlled	NPD	EN 14604:2005/AC:2008 cl 4.17
smoke alarms		
Marking and data	PASS	EN 14604:2005/AC:2008 cl 4.19
Impact	PASS	EN 14604:2005/AC:2008 cl 5.11
Battery fault warning	PASS	EN 14604:2005/AC:2008 cl 5.16
Battery reversal	NPD	EN 14604:2005/AC:2008 cl 5.22
Back-up power source	NPD	EN 14604:2005/AC:2008 cl 5.23
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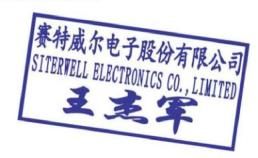
Electrical safety – assessment and testing to	PASS	EN 14604:2005/AC:2008 cl 5.24
determine the adequacy of personal protection		
against hazardous currents passing through the		
human body (electric shock), excessive		
temperature and the start and spread of fire		
Tolerance to supply voltage		
Variation in supply voltage	PASS	EN 14604:2005/AC:2008 cl 5.21
Durability of operational reliability and response		
delay, temperature resistance		
Dry heat	PASS	EN 14604:2005/AC:2008 cl 5.7
Cold (operational)	PASS	EN 14604:2005/AC:2008 cl 5.8
Durability of operational reliability: vibration		
resistance		
Vibration (operational)	PASS	EN 14604:2005/AC:2008 cl 5.12
<u>Vibration (endurance)</u>	PASS	EN 14604:2005/AC:2008 cl 5.13
Durability of operational reliability: humidity		
resistance		
Damp heat (operational)	PASS	EN 14604:2005/AC:2008 cl 5.9
Durability of operational reliability: corrosion	PASS	
resistance		
Sulphur dioxide (SO2) corrosion	PASS	EN 14604:2005/AC:2008 cl 5.10
Durability of operational reliability,		
electrical stability		
Electromagnetic Compatibility (EMC), immunity	PASS	EN 14604:2005/AC:2008 cl 5.14
tests (operational)		

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.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Kaven Wang CEO Siterwell Electronics CO., Limited Ningbo, 05-03-2018



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