



# Certificate of Constancy of Performance

This is to certify that:

**Ningbo Hi-Tech Park Jabo Electronics Co. Ltd**  
Building 6, No. 799 Lingyun Road  
Ningbo Hi-Tech Park  
Ningbo  
315103  
China

Holds Certificate No:

**0086-CPR-550646**

In respect of:

**EN 14604:2005 + AC1:2008**

**Battery Powered Smoke Alarms**

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 under system 1/1+ are applied and that the product fulfils all the prescribed requirements set out above.

For and on behalf of BSI,  
a Notified Body for the above Regulation  
(Notified Body Number 0086):



Gary Fenton, Global Assurance Director

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 characteristics, do not change and the product(s), and the manufacturing conditions in the plant(s) are not modified significantly.

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Page 1 of 4

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No. **0086-CPR-550646**

Manufacturing Plant:

**Ningbo Hi-Tech Park Jabo Electronics Co. Ltd**

Building 6, No. 799 Lingyun Road  
 Ningbo Hi-Tech Park  
 Ningbo  
 315103  
 China

## Product Information

### Battery Powered Smoke Alarms:

Model Reference	Type
JB-S01	Photoelectric Smoke Alarm
JB-S02	Photoelectric Smoke Alarm
JB-S03	Photoelectric Smoke Alarm
JB-S07	Photoelectric Smoke Alarm

Model Reference	Alternative Branded Model	Supplier
JB-S01	D-TECTRON DT-S01	SHANGHAI HUIYING INDUSTRY CO., LTD
JB-S02	Fire Hawk FHB1	Fireblitz Extinguisher Limited
	DA-01	Kent Fire Global Limited
	520009	OTIO SAS (subsidiary of HBF Group)
	520010	OTIO SAS (subsidiary of HBF Group)
	D-TECTRON DT-S02	SHANGHAI HUIYING INDUSTRY CO., LTD
JB-S02	Carrera RM-01	Silag Handel AG
	W-SAVE WS1	Weckx Handelonderneming
JB-S03	D-TECTRON DT-S03	SHANGHAI HUIYING INDUSTRY CO., LTD

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## 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
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
<b>Operational Reliability</b>		
Compliance	Pass	4.1
Individual alarm indicator	Pass	4.2
Means of calibration	Pass	4.5
User replaceable components	Pass	4.6
Normal power source	Pass	4.7
Electrical safety requirements	Pass	4.9, 5.24
Routine test facility	Pass	4.10
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
Marking and data	Pass	4.19
Impact	Pass	5.11
Battery fault warning	Pass	5.16
Battery reversal	Pass	5.22
<b>Tolerance to supply voltage</b>		
Variation in supply voltage	Pass	5.21

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Page 3 of 4

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No. **0086-CPR-550646**

## Appendix 1 (continued)

Harmonised Technical Specification	EN 14604:2005	
Essential Characteristics	Performance	Clause
<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