

Certificate of Constancy of Performance

This is to certify that:

Ningbo Ambest Electronics Co. Ltd
Mogao Road
Dongqian Lake Tourist Resort District
Ningbo
Zhejiang
315121
China

Holds Certificate No:

0086-CPR-587752

In respect of:

EN 54-7:2001 + A1:2002 & A2:2006

Smoke detectors. Point detectors using scattered light, transmitted light or Ionization.

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 products.

This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standards under system 1 are applied and that the product fulfils (products fulfil) 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.

First Issued: 06 June 2013

Latest Issue: 29 October 2014

Page 1 of 3

...making excellence a habit.™

Certificate of Constancy of Performance

No. 0086-CPR-587752

Appendix 1

Harmonised Technical Specification		EN 54-7:2001 + A1 & A2
Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
Repeatability	Pass	5.2
Directional dependence	Pass	5.3
Reproducibility	Pass	5.4
Air movement	Pass	5.6
Dazzling	Pass	5.7
Fire sensitivity	Pass	5.18
Operational Reliability		
Individual alarm indicator	Pass	4.2
Connection of ancillary devices	Pass	4.3
Monitoring of detachable detectors	Pass	4.4
Manufacturer's adjustments	Pass	4.5
On-site adjustment of response behaviour	Pass	4.6
Protection against the ingress of foreign bodies	Pass	4.7
Response to slowly developing fires	Pass	4.8
Marking	Pass	4.9
Data	Pass	4.10
Additional requirements for software controlled detectors	Pass	4.11
Tolerance to supply voltage		
Variation in supply voltage	Pass	5.5
Durability of Operational Reliability		
Dry heat (operational)	Pass	5.8
Cold (operational)	Pass	5.9
Damp heat, steady state (operational)	Pass	5.10
Damp heat, steady state (endurance)	Pass	5.11
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.12
Shock (operational)	Pass	5.13
Impact (operational)	Pass	5.14
Vibration, sinusoidal (operational)	Pass	5.15
Vibration, sinusoidal (endurance)	Pass	5.16
Durability of Operational Reliability, Electrical Stability		
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.17

First Issued: 06 June 2013

Latest Issue: 29 October 2014

Page 3 of 3

...making excellence a habit.™