



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.

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Manufacturing Plant

Ningbo Ambest Electronics Co. Ltd

Mogao Road

Dongqian Lake Tourist Resort District

Ningbo Zhejiang 315121 China

Product Information

Model Reference	Туре
SNC-300-S2	Conventional 2-Wire Photoelectric Smoke Detector.
SNC-300-SL	Conventional 2-Wire Photoelectric Smoke Detector with Remote Indicator.
SNC-300-SR	Conventional 4-Wire Photoelectric Smoke Detector with Relay Output.

Certified for use with the CN3023 and CN3043 conventional detector mounting base.

Model Reference	Туре
SNA-360-S2	Addressable Photoelectric Smoke Detector.
SNA-360-SL	Addressable Photoelectric Smoke Detector with Remote Indicator.

Certified for use with the CN302A and CN304A addressable detector mounting base.

The above products may also be branded under the following alternate names:

Model Reference	Alternative Branded Model	Supplier
SNC-300-S2	ISL-1033	INTELLIGENT SYSTEMS (FAR EAST) Ltd
SNC-300-SL	ISL-1033L	INTELLIGENT SYSTEMS (FAR EAST) Ltd
SNA-360-S2	ISL-1033A	INTELLIGENT SYSTEMS (FAR EAST) Ltd
SNA-360-SL	ISL-1033AL	INTELLIGENT SYSTEMS (FAR EAST) Ltd

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Appendix 1

Harmonised Technical Specification	EN 54-7:2001 + A1 & A2	
Essential Characteristics	Performance	Clause
Nominal activation conditions / s and performa	sensitivity / response de nce under fire condition	
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
Opera	tional Reliability	A CONTRACTOR OF THE CONTRACTOR
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
Tolerano	e 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 Operation	al Reliability, Electrical	Stability
Electromagnetic compatibility (EMC), immunity (operational)	Pass	5.17

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