

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

**0905-CPR-00212**

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

**Product(s):** SD218 Range of Smoke Alarms  
(refer to attached appendix for details and conditions)

**Placed on the market under the name or trade mark of:** Ningbo Sentek Electronics Co. Limited  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

**and produced in the manufacturing plant(s):** Ningbo Sentek Electronics Co. Limited (SG- 16197)  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

**Intended use:** Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN 14604:2005+AC:2008**

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00212** on **2013-12-04** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**Notified Body**  
**0905**

**Certification Manager:** Dipl.-Ing. Bernhard Miedtank **Date Issue:** 2020-12-09

**Issue:** 1

**Signature:**

  
96978

  
Intertek Deutschland GmbH  
Stangenstraße 1, D-70771 Leinfelden-Echterdingen  
intertek  
Deutschland

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# CERTIFICATE OF CONSTANCY OF PERFORMANCE

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## APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00212

The details and conditions of use for the SD218 Range of Smoke Alarms , placed on the market under the name or trade mark of:

**Ningbo Sentek Electronics Co. Limited**  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

**Products compliant with EN 14604:2005+AC:2008**

Model	Manufacturing Location	Description
SD218	SG-16197	Battery Powered Photoelectric Smoke Alarm
SD218-I	SG-16197	Battery Powered Photoelectric Smoke Alarm with Interconnect

### Conditions of use:

Suitable for indoor applications

### General Notes:

1. Evaluated under Intertek project number 100909837.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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<i>Table of performance for EN14604:2005</i>			
<b>Harmonised technical specification</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Clauses</b>	<b>Notes</b>
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20	1, 5
Operational reliability	Pass	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24	2, 3, 4
Tolerance to supply voltage	Pass	5.21	
Durability of operational reliability and response delay; temperature resistance	Pass	5.7, 5.8	
Durability of operational reliability; vibration resistance	Pass	5.12, 5.13	
Durability of operational reliability; humidity resistance	Pass	5.9	
Durability of operational reliability; corrosion resistance	Pass	5.10	
Durability of operational reliability; electrical stability	Pass	5.14	2

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Notes:

1. *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.*
2. *Clauses 4.3, 4.8, 5.14a and 5.23 are not applicable for battery powered smoke alarms.*
3. *Clause 4.4 is only applicable for smoke alarms that provide for connection to external ancillary devices.*
4. *The manufacturer declared that the SD218 range of smoke alarms did not rely on software to fulfill the requirements of the standard; Clause 4.17 has therefore not been assessed.*
5. *Clause 5.20 is only applicable for smoke alarms with an alarm silence facility.*



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