

Certificate of Constancy of Performance

0359-CPR-00212



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

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

Produced by or for: **Ningbo Sentek Electronics Co. Limited**
448 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175

Produced in the manufacturing plant(s): **Ningbo Sentek Electronics Co. Limited**
448 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175

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):

EN14604:2005
Smoke alarm devices

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued on **04 December 2013** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

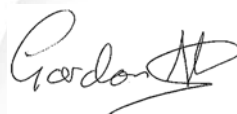


Notified Body
0359

Intertek Testing & Certification Limited
Cleeve Road, Leatherhead
Surrey, KT22 7SB
Tel: + 44 (0)1372 370900
Fax: +44 (0)1372 370977
E-mail: cpd.uk@intertek.com

www.intertek.com

Gordon Ash
Certification Manager



Date 04/12/2013
Issue 1

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Certificate of Constancy of Performance



0359-CPR-00212

Appendix to Certificate of Constancy of Performance 0359-CPR-00212

The details and condition of use for the SD218 Range of Smoke Alarms, placed on the market by:

Ningbo Sentek Electronics Co. Limited

448 Yingchun Road, Wangchun Industrial Park, Ningbo City, China 315175

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 EN14604:2005:

Variant	Description
SD218	Battery Powered Photoelectric Smoke Alarm
SD218-I	Battery Powered Photoelectric Smoke Alarm with Interconnect

Conditions of use:

Suitable for indoor applications

General Notes:

1. Tested 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.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00212
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Certificate of Constancy of Performance

0359-CPR-00212



Appendix to Certificate of Constancy of Performance 0359-CPR-00212 (continued)

<i>Table of performance for EN14604:2005</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
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
Notes:			
<ol style="list-style-type: none"><i>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.</i><i>Clauses 4.3, 4.8, 5.14a and 5.23 are not applicable for battery powered smoke alarms.</i><i>Clause 4.4 is only applicable for smoke alarms that provide for connection to external ancillary devices.</i><i>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.</i><i>Clause 5.20 is only applicable for smoke alarms with an alarm silence facility.</i>			

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
Tel: + 44 (0)1372 370900, Fax: +44 (0)1372 370977, E-mail: cpd.uk@intertek.com

0359-CPR-00212
Issue 1

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex,
CM14 5NQ, United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.