

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

**0905-CPR-00465**

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):** EV-HIOP Range of Analogue Addressable Sounders and Visual Alarm Devices

(refer to attached appendix for details and conditions)

**Placed on the market under the name or trade mark of:** Nittan Europe Limited  
Hiple Street, Old Woking, GU22 9LQ, United Kingdom

**and produced in the manufacturing plant(s):** Nittan Europe Limited (SG- 12020)  
Hiple Street, Old Woking, GU22 9LQ, United Kingdom

**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 54-3:2001+A1:2002+A2:2006**  
**EN 54-17:2005+AC:2007**  
**EN 54-23:2010**

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 on **2019-08-01** 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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. Roland Heine

**Date Issue:** 2019-08-01

**Issue:** 1

**Signature:**



**Review Date:** 2019-08-01

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.

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## APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00465

The details and conditions of use for the EV-HIOP Range of Analogue Addressable Sounders and Visual Alarm Devices, placed on the market under the name or trade mark of:

**Nittan Europe Ltd.**

Hipley Street, Old Woking, GU22 9LQ, United Kingdom

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*):

Model	Manufacturing Location	Description
<b>Products compliant with EN54-3:2001+A1:2002+A2:2006</b>		
EV-HIOP-SDR	SG- 12020	Analogue addressable sounder
EV-HIOP-SDR-SCI	SG- 12020	Analogue addressable sounder with isolator
EV-HIOP-SB	SG- 12020	Analogue addressable sounder beacon
EV-HIOP-SB-SCI	SG- 12020	Analogue addressable sounder beacon with isolator
EV-HIOP-SB-R	SG- 12020	Analogue addressable sounder beacon (Red LED)
EV-HIOP-SB-R-SCI	SG- 12020	Analogue addressable sounder beacon with isolator (Red LED)
<b>Products compliant with EN54-17:2005+AC:2007</b>		
EV-HIOP-SDR-SCI	SG- 12020	Analogue addressable sounder with isolator
EV-HIOP-SB-SCI	SG- 12020	Analogue addressable sounder beacon with isolator
EV-HIOP-BCN-SCI	SG- 12020	Analogue addressable beacon with isolator
EV-HIOP-SB-R-SCI	SG- 12020	Analogue addressable sounder beacon with isolator (Red LED)
EV-HIOP-BCN-R-SCI	SG- 12020	Analogue addressable beacon with isolator (Red LED)
<b>Products compliant with EN54-23:2010</b>		
EV-HIOP-SB	SG- 12020	Analogue addressable sounder beacon
EV-HIOP-BCN	SG- 12020	Analogue addressable beacon
EV-HIOP-SB-SCI	SG- 12020	Analogue addressable sounder beacon with isolator
EV-HIOP-BCN-SCI	SG- 12020	Analogue addressable beacon with isolator
EV-HIOP-SB-R	SG- 12020	Analogue addressable sounder beacon (Red LED)
EV-HIOP-BCN-R	SG- 12020	Analogue addressable beacon (Red LED)
EV-HIOP-SB-R-SCI	SG- 12020	Analogue addressable sounder beacon with isolator (Red LED)
EV-HIOP-BCN-R-SCI	SG- 12020	Analogue addressable beacon with isolator (Red LED)

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## Appendix to Certificate of Constancy of Performance 0905-CPR-00465 (continued)

### Bases:

All models are supplied with a deep mounting base.

### Conditions of use:

Suitable for indoor or outdoor applications.

### Approved Settings:

Models EV-HIOP-SDR, EV-HIOP-SB, EV-HIOP-SDR-SCI, EV-HIOP-SB-SCI, EV-HIOP-SB-R and EV-HIOP-SB-R-SCI are approved to EN54-3:2001+A1:2002+A2:2006 at the following tones, at the maximum volume setting:-

Tone No.	Description
8	800 - 1000 Hz, Sweep, 1 Hz
26	1200 - 500 Hz, Sweep, 1 Hz, DIN tone
29	990 - 660 Hz, Alternating (0.5 sec - 0.5 sec)

Models EV-HIOP-SB and EV-HIOP-SB-SCI are approved to EN54-23:2010 at the following setting:

Frequency of Flash	Power Setting	Coverage Characteristics
0.5 Hz (2 second)	Low power	W-2.4-5.5 (73 m <sup>3</sup> )

Models EV-HIOP-BCN and EV-HIOP-BCN-SCI are approved to EN54-23:2010 at the following settings:

Frequency and Colour of Flash	Power Setting	Coverage Characteristics
1 Hz (1 second) - White Flash	Low power	W-2.4-5.5 (73 m <sup>3</sup> )
0.5 Hz (2 second) - White Flash	Low power	W-2.4-5.5 (73 m <sup>3</sup> )
0.5 Hz (2 second) - White Flash	High power	W-2.4-7.5 (135 m <sup>3</sup> )

Models EV-HIOP-SB-R and EV-HIOP-SB-R-SCI are approved to EN54-23:2010 at the following setting:

Frequency of Flash	Power Setting	Coverage Characteristics
0.5 Hz (2 second)	Low power	W-2.4-3.0 (22 m <sup>3</sup> )

Models EV-HIOP-BCN-R and EV-HIOP-BCN-R-SCI are approved to EN54-23:2010 at the following setting:

Frequency of Flash	Power Setting	Coverage Characteristics
0.5 Hz (2 second)	High power	W-2.4-5.0 (60 m <sup>3</sup> )

### General Notes:

1. Evaluated under Intertek project number 101636540, 103413952.
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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