

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0359-UKCA-CPR-00005

Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.

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 trademark of:

Nittan Europe Limited
Hipley Street, Old Woking, GU22 9LQ, United Kingdom

and produced in the manufacturing plant(s):

Nittan Europe Limited (NITTANUK.02)
Hipley Street, Old Woking, GU22 9LQ, United Kingdom

Intended use:

Fire Safety

**UK
CA**

0359

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

EN54-3:2001+A1:2002+A2:2006

EN54-17:2005+AC:2007

EN54-23:2010

under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

Approved Body (UK)

This certificate was first issued on **25/11/2021** 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Approved Body
0359

Certification Officer: Andrew Lawson

Date: 30/11/2021

Signature:



Issue: 1

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APPENDIX 1: Certificate of Constancy of Performance 0359-UKCA-CPR-00005

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 trademark of:

Nittan Europe Limited

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	Product Description
Products compliant with EN54-3:2001+A1:2002+A2:2006		
EV-HIOP-SDR	NITTANUK.02	Analogue addressable sounder
EV-HIOP-SDR-SCI	NITTANUK.02	Analogue addressable sounder with isolator
EV-HIOP-SB	NITTANUK.02	Analogue addressable sounder beacon
EV-HIOP-SB-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator
EV-HIOP-SB-R	NITTANUK.02	Analogue addressable sounder beacon (Red LED)
EV-HIOP-SB-R-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator (Red LED)
Products compliant with EN54-17:2005+AC:2007		
EV-HIOP-SDR-SCI	NITTANUK.02	Analogue addressable sounder with isolator
EV-HIOP-SB-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator
EV-HIOP-BCN-SCI	NITTANUK.02	Analogue addressable beacon with isolator
EV-HIOP-SB-R-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator (Red LED)
EV-HIOP-BCN-R-SCI	NITTANUK.02	Analogue addressable beacon with isolator (Red LED)
Products compliant with EN54-23:2010		
EV-HIOP-SB	NITTANUK.02	Analogue addressable sounder beacon
EV-HIOP-BCN	NITTANUK.02	Analogue addressable beacon
EV-HIOP-SB-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator
EV-HIOP-BCN-SCI	NITTANUK.02	Analogue addressable beacon with isolator
EV-HIOP-SB-R	NITTANUK.02	Analogue addressable sounder beacon (Red LED)
EV-HIOP-BCN-R	NITTANUK.02	Analogue addressable beacon (Red LED)
EV-HIOP-SB-R-SCI	NITTANUK.02	Analogue addressable sounder beacon with isolator (Red LED)
EV-HIOP-BCN-R-SCI	NITTANUK.02	Analogue addressable beacon with isolator (Red LED)

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. This Certificate is Accredited under UKAS Schedule 0010.
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APPENDIX 2: Certificate of Constancy of Performance 0359-UKCA-CPR-00005

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 ³)

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

Frequency of Flash	Power Setting	Coverage Characteristics
1 Hz (1 second) – White Flash	Low Power	W-2.4-5.5 (73 m ³)
0.5 Hz (2 second) – White Flash	Low Power	W-2.4-5.5 (73 m ³)
0.5 Hz (2 second) – White Flash	High Power	W-2.4-7.5 (135 m ³)

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 ³)

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 ³)

General Notes:

1. Evaluated under Intertek project number G101636540, G103413952, G104629169
2. No CE or other type approval is made or inferred outside of the Assessment and Verification of Constancy of Performance as stipulated on this certificate.