

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-210054

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): **Visual Alarm Device**
(refer to attached appendix for details and conditions)

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

and produced in the
manufacturing plant(s): **Nittan Europe Limited (SG- 12020)**
Hipley 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 54-23:2010

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 **2021-01-12** 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: 2021-01-12

Issue: 1

Signature:



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.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de

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APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-210054

The details and conditions of use for the **Visual Alarm Device**, placed on the market under the name or trade mark 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*):

Products compliant with EN 54-23:2010

Model	Manufacturing Location	Description
EV-PYSVAD	SG-12020	EV-PYSVAD Base

Conditions of use:

Suitable for indoor applications only.

Approved settings:

Coverage Volume – C-3-5

General Notes:

1. Evaluated under Intertek project number 102756905.
2. The manufacturer declared that SW was not applicable to this product and so assessment to Clause 4.2.8 was not carried out.
3. 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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EN 54-23:2010

Product: Fire detection and alarm systems – Alarm devices – Visual alarm devices (VAD's)			
Intended use: Fire detection and fire alarm systems installed in and around buildings			
Essential characteristics	Requirement clauses in this and other European Standard(s)	Level(s) or class(es)	Notes
Operational reliability:		None	
Duration of operation	4.2.1		Pass
Provision for external conductors	4.2.2		Pass
Flammability of materials	4.2.3		Pass
Enclosure protection	4.2.4		Pass
Access	4.2.5		Pass
Manufacturer's adjustments	4.2.6		Pass
On-site adjustment of behaviour	4.2.7		Pass
Requirements for software controlled devices	4.2.8		Not Assessed (See note 2)
Performance parameter under fire condition:			
Coverage volume	4.3.1		Pass
Variation of light output	4.3.2		Pass
Minimum and maximum light intensity	4.3.3		Pass
Light colour	4.3.4		Pass
Light temporal pattern and frequency of flashing	4.3.5		Pass
Marking and data	4.3.6		Pass
Synchronization (option with requirements)	4.3.7		Pass
Durability:			
Temperature resistance:			
Dry heat (operational)	4.4.1.1		Pass
Dry heat (endurance)	4.4.1.2		Pass
Cold (operational)	4.4.1.3		Pass
Humidity resistance:			
Damp heat, cyclic (operational)	4.4.2.1		Pass
Damp heat, steady state (endurance)	4.4.2.2		Pass
Damp heat, cyclic (endurance)	4.4.2.3		Pass
Shock and vibration resistance:			
Shock (operational)	4.4.3.1		Pass
Impact (operational)	4.4.3.2		Pass
Vibration (operational)	4.4.3.3		Pass
Vibration (endurance)	4.4.3.4		Pass
Corrosion resistance:			
SO ₂ corrosion (endurance)	4.4.4		Pass
Electrical stability:			
EMC, immunity (operational)	4.4.5		Pass

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