

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1134-CPR-243

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

Optical smoke alarm device Nor-tec 83242
9 V zinc-carbon battery, replaceable

with the performances listed in annex of this certificate and for the intended use:
Fire safety

manufactured by or for

Schou Company AS
Nordager 31
6000 Kolding
Denmark

and produced in the manufacturing plant

Ningbo KingDun Electronic Industry Co. Ltd.
Nr. 28 Fengyuan Road
South Zone of Economic Development Area
315400 Yuyao city, Zhejiang Province
China

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

EN 14604:2005/AC:2008

under system 1 are applied and that

the product fulfils all prescribed requirements set out above.

This certificate was first issued on 2021-04-15 and remains valid as a long time as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Brussels, 15 April 2021

Maria Malarus
Certification Manager

A handwritten signature in black ink, appearing to read 'Maria Malarus', is written over the printed name and title.

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Annex 1 to the CERTIFICATE CONSTANCY OF PERFORMANCE

1134-CPR-243

| Harmonised technical specification | | EN 14604:2005/AC:2008 |
|--|-------------|-----------------------|
| Essential Characteristics | Performance | Clause |
| Nominal activation conditions / Sensitivity / Response delay (response time) and Performance under fire conditions | | |
| - Smoke alarm signals | pass | 4.12 |
| - Inter-connectable smoke alarms | NA | 4.18 |
| - Repeatability | pass | 5.2 |
| - Directional dependence | pass | 5.3 |
| - Initial sensitivity | pass | 5.4 |
| - Air movement | pass | 5.5 |
| - Dazzling | pass | 5.6 |
| - Fire sensitivity | pass | 5.15 |
| - Sound output | pass | 5.17 |
| - Sounder durability | pass | 5.18 |
| - Inter-connectable smoke alarms | NA | 5.19 |
| - Alarm silence facility (optional) | NA | 5.20 |
| Operational reliability | | |
| - Compliance | pass | 4.1 |
| - Individual alarm indicator (optional) | pass | 4.2 |
| - Mains-on indicator | NA | 4.3 |
| - Connection of external ancillary devices | NA | 4.4 |
| - Means of calibration | pass | 4.5 |
| - User replaceable components | pass | 4.6 |
| - Normal power source | pass | 4.7 |
| - Standby power source | NA | 4.8 |
| - Electrical safety requirements | pass | 4.9 |
| - Routine test facility | pass | 4.10 |
| - Terminals for external conductors | NA | 4.11 |
| - Battery removal indication | pass | 4.13 |
| - Battery connections | pass | 4.14 |
| - Battery capacity | pass | 4.15 |
| - Protection against the ingress of foreign bodies | pass | 4.16 |
| - Additional requirements for software-controlled smoke alarms | NA | 4.17 |
| - Marking and data | pass | 4.19 |
| - Impact | pass | 5.11 |
| - Battery fault warning | pass | 5.16 |
| - Battery reversal | pass | 5.22 |
| - Back-up power source | NA | 5.23 |
| - Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire | pass | 5.24 |
| Tolerance to supply voltage | | |
| - Variation in supply voltage | pass | 5.21 |

Brussels, 15 April 2021

Marie M. Janssens
Certification Manager

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| Harmonised technical specification | | EN 14604:2005/AC:2008 |
|--|-------------|-----------------------|
| Essential Characteristics | Performance | Clause |
| Durability of operational reliability and response delay, temperature resistance | | |
| - Dry heat | pass | 5.7 |
| - Cold (operational) | pass | 5.8 |
| Durability of operational reliability, vibration resistance | | |
| - Vibration (operational) | pass | 5.12 |
| - Vibration (endurance) | pass | 5.13 |
| Durability of operational reliability, humidity resistance | | |
| - Damp heat (operational) | pass | 5.9 |
| Durability of operational reliability, corrosion resistance | | |
| - Sulphur dioxide (SO ₂) corrosion | pass | 5.10 |
| Durability of operational reliability, electrical stability | | |
| - Electromagnetic compatibility (EMC), immunity tests (operational) | pass | 5.14 |
| Note: NPD theoretically possible; except for durability of characteristics with declared performance NA (not applicable) for components to which the requirement does not apply | | |

Brussels, 15 April 2021

Marie-Marek
 Certification Manager

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