

## DECLARATION OF PERFORMANCE

N°. CQR338-4-12



1. Unique identification code of the product-type:

**Conventional Smoke Detector**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**CQR338-4-12**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Fire detection and fire alarm systems installed in and around buildings**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**CQR Security Ltd**

**125 Pasture Road, Moreton, Merseyside, CH46 4TH United Kingdom**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**N/A**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 1**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**DBI Certification A/S 2531**

performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificate of conformity

**2531-CPR-232.1610**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable see item 7**

9. Declared performance:

**All requirements including all Essential Characteristic and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below.**

| Essential characteristic  | Performance | Harmonised technical specification         |
|---|-------------|--|
|   |             | EN54-7:2001 + A1:2002 + A2:2006            |
| Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions | Passed      | Clause: 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18 |
| Operational reliability   | Passed      | Clause: 4.2 to 4.7, 4.9 to 4.11            |
| Tolerance to supply voltage   | Passed      | Clause: 5.5                                |
| Durability of operational reliability and response delay; temperature resistance                                  | Passed      | Clause: 5.8, 5.9                           |
| Durability of operational reliability, Vibration resistance   | Passed      | Clause: 5.13 to 5.16                       |
| Durability of operational reliability, Humidity resistance  | Passed      | Clause: 5.10, 5.11                         |
| Durability of operational reliability, Corrosion resistance   | Passed      | Clause: 5.12                               |
| Durability of operational reliability, Electrical stability   | Passed      | Clause: 5.17                               |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Nigel van Woerdekom

Technical Director

Moreton, Merseyside,

UK.

22<sup>nd</sup> January 2019