

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

N° 13-0003

1. *Unique Product identification code:*

As detailed on the Supplementary Information Sheet

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

Smoke Alarm Devices

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

Fire Safety

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

**Ei Electronics,
Shannon Free Zone West, Shannon, Co. Clare, Ireland**

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

Not applicable

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 the harmonized standard:*

**The Notified Product Certification Body , 0333
(AFNOR Certification)**

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 certificates of conformity:

0333-CPD-292022

0333-CPD-292023

0333-CPD-292024

0333-CPD-292025

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 Characteristics 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 characteristics	Performance	Harmonized technical specification EN14604:2005/AC:2008 Clauses
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	passed	4.12, 4.18, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.19, 5.20 ¹
Operational reliability	passed	4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.23, 5.24
Tolerance to supply voltage	passed	5.21
Durability of operational reliability and response delay: temperature resistance	passed	5.7, 5.8
Durability of operational reliability Vibration resistance	passed	5.12, 5.13
Durability of operational reliability, Humidity resistance	passed	5.9
Durability of operational reliability, Corrosion resistance	passed	5.10
Durability of operational reliability, electrical stability	passed	5.14

1. 5.20 (Optional Alarm Silence Facility) applies to products listed only in table A of Supplementary Sheet A

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:



19 February 2014

Dr. Michael Byrne
Director of Engineering

Supplementary Information Sheet A

Declaration of Performance Certificate N° 13-0003

Table A. (All Clauses)

Battery Powered Smoke Alarms (Replaceable Battery)
Ei105H-FR Ei105CH-FR

Table B. (Smoke Alarms without Silence Facility)

Battery Powered Smoke Alarms (Replaceable Battery)
Ei105B-FR Ei105C-FR