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FireAngel Safety Technology Limited
Vanguard Centre, Coventry CV4 7EZ, UK

# DECLARATION OF PERFORMANCE

No: FSTDOP21007

**Product Name**: See Annex A

**Intended Use**: Fire safety- Optical Smoke Alarm Device for residential applications

**Manufacturer:** FireAngel Safety Technology Limited
Vanguard Centre, Sir William Lyons Road
Coventry, CV4 7EZ,UK

**AVCP System 1** The certification body performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance assessment and approval of the factory production control and issued the EC certificate of conformity

**Approved Body:** BRE Global Ltd, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX. United Kingdom (NB 0832)

**FPC Certificate**: 0832-UKCA-CPR-F1385 (FA6615), 0832-UKCA-CPR-F1386 (FA6611), 0832-UKCA-CPR-F1387 (FA6620)

| Essential Characteristics | EN14604:2005 Clause | Performance |
|---|---|---|
| Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition | 4.12, 5.2, 5.3, 5.4, 5.5, 5.6, 5.15, 5.17, 5.18, 5.20 | PASS |
| Operational reliability | 4.1, 4.2, 4.5, 4.6, 4.7, 4.9, 4.10, 4.13, 4.14, 4.15, 4.16, 4.17, 4.19, 5.11, 5.16, 5.22, 5.24 | PASS |
| Tolerance to supply voltage | 5.21 | PASS |
| Durability of operational reliability and response delay, temperature resistance | 5.7, 5.8 | PASS |
| Durability of operational reliability, vibration resistance | 5.12, 5.13 | PASS |
| Durability of operational reliability, humidity resistance | 5.9 | PASS |
| Durability of operational reliability, corrosion resistance | 5.10 | PASS |
| Durability of operational reliability, electrical stability | 5.14 | PASS |
| Note: The products covered by this standard are assumed to operate, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire. | | |

Signed for and on behalf of FireAngel safety Technology Limited

N Rutter
CEO
Coventry, United Kingdom
Date of Issue: 25th March 2022
Revision: 4
Revision Date: 10th April 2025

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**Annex A**

| Battery Operated Smoke Alarms | Battery Operated Smoke Alarms |
|---|---|
| With removeable battery | With Sealed Battery |
| FireAngel FA6615<br>FireAngel FA6115<br>FireAngel FA6611<br>FireAngel FA6111 | FireAngel FA6620<br>FireAngel FA6120 |