



EC DECLARATION OF PERFORMANCE

According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): FL2011EI-HS
2. Type Number(s): FL2011EI-HS
Description: Aspirating smoke detector
3. Intended Use: Fire detection and fire alarm systems installed in and around buildings
4. Manufacturer: Pittway Tecnologica Srl
Via Caboto 19/3
34147 TRIESTE
Italy
5. Trading Company: Life Safety Distribution GmbH
Trading as System Sensor Europe
Javastrasse 2
8604 Hegnau
Switzerland
6. System of assessment: System 1
7. Notified Body: BRE Global Ltd
Bucknalls Lane
Garston
Watford WD25 9XX

Notified Body Number: 0832
EC Certificate Number(s) 0832-CPR-F1053
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

EN 54-20: Fire Detection and Fire Alarm Systems – Aspirating smoke detectors		
Clause	Description	Performance
5.2	Individual visual alarm indication	Pass
5.3	Connection of ancillary devices	Pass
5.4	Manufacturer's adjustments	Pass
5.5	On site adjustment of response behaviour	Pass
5.6	Response to slowly developing fires	Pass
5.7	Mechanical strength of the pipework	Pass
5.8	Hardware components and additional sensing elements in the sampling device	Pass
5.9	Airflow monitoring	Pass
5.10	Power supply	Pass
5.11	Data	Pass
5.12	Additional requirements for software controlled detectors	Pass
6.2	Repeatability	Pass
6.3	Reproducibility	Pass
6.4	Variation in supply parameters	Pass
6.5	Dry heat (operational)	Pass
6.6	Cold (operational)	Pass
6.7	Damp heat, steady state (operational)	Pass
6.8	Damp heat, steady state (endurance)	Pass
6.9	Sulfur dioxide (SO ₂) corrosion (endurance)	Pass
6.10	Shock (operational)	Pass
6.11	Impact (operational)	Pass
6.12	Vibration, sinusoidal (operational)	Pass
6.13	Vibration, sinusoidal (endurance)	Pass
6.14	Electromagnetic compatibility (EMC) immunity tests	Pass
6.15	Fire sensitivity	Pass
7	Classification and designation	Pass – Class A, B and C
8	Marking	Pass

EN 54-17: Fire Detection and Fire Alarms Systems - Short Circuit Isolators		
Clause	Description	Performance
4.2.	Integral status indication	Pass
4.3.	Connection of ancillary devices	Pass



4.4.	Monitoring of detachable short circuit isolators	Pass
4.5.	Manufacturer's adjustments	Pass
4.6.	On site adjustments	Pass
4.7.	Marking	Pass
4.8.	Data	Pass
4.9.	Additional requirements for software controlled short circuit isolators	Pass
5.1.5	Functional Test	Pass
5.2.	Reproducibility	Pass
5.3.	Variation in supply voltage	Pass
5.4.	Dry heat (operational)	Pass
5.5.	Cold (operational)	Pass
5.6.	Damp heat cyclic (operational)	Pass
5.7.	Damp heat steady state (endurance)	Pass
5.8.	Sulphur dioxide (SO ₂) corrosion (endurance)	Pass
5.9.	Shock (operational)	Pass
5.10.	Impact (operational)	Pass
5.11.	Vibration, sinusoidal (operational)	Pass
5.12.	Vibration, sinusoidal (endurance)	Pass
5.13.	EMC immunity	Pass

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

For and on behalf of: Pittway Tecnologica Srl / System Sensor Europe, Life Safety Distribution GmbH

Place and date of issue: Trieste

Signature:



Name and Function: Gianpaolo Scarpin, Plant Manager