

## Declaration of Performance

According to Construction Product Registration EU No. 305/2011

DoP\_501A0114\_en

1. Unique identification code of the product type:

**Conventional, Exd, SharpEye IR3 Flame Detector**

**40/40I-XXXXX**

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

**Conventional, Exd, SharpEye IR3 Flame Detector**

**40/40I-XXXXX**

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

**Automatic fire detector and fire alarm system**

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

**Spectrex, Inc. 218 Little Falls Rd, Cedar Grove, NJ 07009, USA**

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

**Spectrex, Inc. 218 Little Falls Rd, Cedar Grove, NJ 07009, USA**

6. System of systems of assessment and certification of constancy of performance of the construction product as set out in CPR, Annex V:

**System 1**

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

**EN54-10:2002 + A1:2005**

**VdS Schadenverhütung GmbH, notified body No. 0786 performed type testing and the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of constancy of conformity of the factory production control.**

**0786-CPD-21239**

8. Declared performance

<b>Essential Characteristics</b>	<b>Performance</b>	<b>Harmonized technical specification EN54-10:2002 + A1:2005 Clauses</b>
Operational wavelength band(s)	IR x3	3.1, 3.3
Normal activation conditions / sensitivity: - Classification	Pass Class 1, 2, 3	5.2 to 5.6, 4.2
Operational reliability: -Monitoring of detachable detectors	Pass Not detachable	4.3, 4.4, 4.6 to 4.9 4.5
Tolerance to supply voltage; variation in supply	Pass	5.16
Durability of operational reliability; temperature resistance:	Pass	5.7, 5.8
Durability of operational reliability; humidity resistance:	Pass	5.9, 5.10
Durability of operational reliability; corrosion resistance:	Pass	5.11
Durability of operational reliability; vibration resistance:	Pass	5.12 to 5.15
Durability of operational reliability; electrical stability:	Pass	5.17

9. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 8.

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

Approved By



Date: January 2014