

DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) No 305/2011

Document No.ESSC-FP0021-02...

021546

1. Unique identification code of the product-type:

Type 4452 Photoelectric Smoke Detector

2. Type, batch, serial number or any other element allowing identification of the construction product as required by Article 11(4): **Part Number BV45381913**

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

Fire detection and fire alarm systems installed in and around buildings

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

**Panasonic Corporation Tsu Factory
1668, Fujikata, Tsu-shi, Mie-ken, 514-8555, JAPAN**

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

**Niels Erdmann
Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsberggring 15, 22525 Hamburg, Germany**

6. System(s) 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:

VdS Schadenverhütung GmbH Accreditation No. 0786

performed type testing and an inspection of the manufacturing plant and of factory production control under system 1 and issued following certificate of constancy of performance / certificate of conformity:

0786-CPD-21252

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

Not applicable, see point 7

Panasonic

9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18
Operational reliability	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 4.2 to 4.7, 4.9 to 4.11
Tolerance to supply voltage	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 5.5
Durability of operational reliability and response delay; temperature resistance	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 5.8, 5.9
Durability of operational reliability; vibration resistance	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 5.13 to 5.16
Durability of operational reliability; humidity resistance	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 5.10, 5.11
Durability of operational reliability; corrosion resistance	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 5.12
Durability of operational reliability; electrical stability	Passed	EN54-7:2000 + A1:2002 + A2:2006 Art: 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:

(Signature): *Tatsuya - Kato*

(Printed name): ..Tatsuya Kato.....

(Title): ..Director.....

Place and date of issue

27 June 2013

Authorized Representative in EU:

(Date): 01 Juli 2013

(Signature): *Niels Erdmann*

(Printed Name): **Niels Erdmann**

Panasonic Testing Centre

Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany