

# BRE Global Limited

Bucknalls Lane, Garston, Watford, Hertfordshire, United Kingdom WD25 9XX

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## EC-CERTIFICATE OF CONFORMITY

### 0832 - CPD - 1312

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

#### **Stratos Nano Aspirating Smoke Detector for use in fire detection and alarm systems**

*(For conditions of use for the product see the attached appendix)*

placed on the market by

**Kidde Products Ltd, trading as Kidde AirSense  
Thame Park Road, Thame, Oxfordshire, OX9 3RT, UK.**

and produced in the factory

**Kidde Products Ltd, trading as Kidde AirSense  
UNIT 2, Dawdon Business Park, Blair Way, Seaham, County Durham, SR7 7PP, UK.**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Global Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

#### **EN 54 - 20: 2006 - Fire detection and fire alarm systems - Aspirating smoke detectors**

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 12/5/2010 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Eman Mattie-Suleiman  
Certification Manager  
For and on behalf of BRE Global Limited

Date of Issue: 14/9/2012

Issue Number: 4

Page: 1 of 2

This certificate remains the property of BRE Global Limited and is issued subject to terms and conditions and is maintained and held in force through regular Factory Production Control audits.

To check the authenticity of this certificate, please visit our website or contact us.

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## Appendix to EC Certificate of conformity 0832 - CPD - 1312

The details and conditions of use for the Stratos Nano Aspirating Smoke Detector, placed on the market by Kidde Products Ltd, trading as Kidde AirSense Thame Park Road, Thame, Oxfordshire, OX9 3RT, UK. are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

**Variants:**

FHSD8010-X LaserSense Nano (branded as Edwards)

X - Language code

**Notes:**

1. For compliance with Clause 5.10 of EN 54-20:2006, the detector shall be supplied with power from a power supply complying with EN 54-4.
2. The approval of the detector is conditional upon the following requirements:
  - a) Design, installation and commissioning are performed in accordance with the system design manual and instructions.
  - b) The device is approved for sensitivity Classes A, B and C for sensitivities up to 0.80%/m, 1.66%/m and 7.54%/m respectively. The Class of any pipe/hole configuration and detector sensitivity must be determined using PipeCAD.



Eman Mattie-Suleiman  
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