

# **BRE Certification Limited and LPCB**

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

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## **EC-CERTIFICATE OF CONFORMITY**

### **0832 - CPD - 0565**

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

**Fireray 5000 Multi-Head Conventional 'self aligning' optical beam detector and system controller for use in fire detection and alarm systems**  
*(For conditions of use for the product see the attached appendix)*

placed on the market by

**Fire Fighting Enterprises Ltd**  
**9 Hunting Gate, Hitchin, Herts SG4 0TJ**

and produced in the factory

**Fire Fighting Enterprises Ltd**  
**9 Hunting Gate, Hitchin, Herts SG4 0TJ**

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 Certification 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 - 12: 2002 - Fire detection and fire alarm systems - Part 12: Smoke detectors - Line detectors using an optical light beam**

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

This certificate was first issued on 21/9/2007 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.



Martin McCullagh  
For and on behalf of BRE Certification Limited

Date of Issue: 3/8/2009  
Issue Number: 4  
Page: 1 of 2

This certificate remains the property of BRE Certification Ltd 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 - 0565

The details and conditions of use for the Fireray 5000 Multi-Head Conventional 'self aligning' optical beam detector and system controller, placed on the market by Fire Fighting Enterprises Ltd 9 Hunting Gate, Hitchin, Herts SG4 0TJ 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*):

**Ancillaries:**

0020-017 - mounting bracket

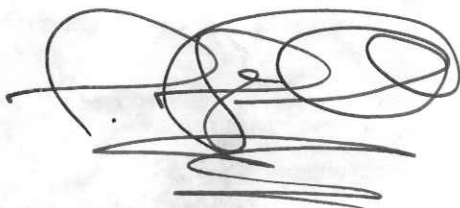
**Sensitivity Settings:**

Sensitivity setting from 25% to 35% only

Delay to fire setting between 2 and 20 seconds only

**Notes:**

1. Fireray 5000 50m approved range 8-50m
2. Fireray 5000 100m approved range 50-100m
3. Approved for use with 1-4 heads



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