

EC CERTIFICATE OF CONFORMITY

359-CPD-0011

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

Xpander Class CS Heat Detector Head XPA-HT-11171-APO

placed on the market by

Apollo Fire Detectors Limited, 36 Brookside Road, Havant, Hampshire, PO9 1JR

and produced in the factory by

Apollo Fire Detectors Limited, 36 Brookside Road, Havant, Hampshire, PO9 1JR

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 and that the notified body No. **359 - Intertek Testing & Certification Ltd** – has performed the initial type- testing for the relevant characteristics of the product, the initial inspection of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the product performance described in Annex ZA of the product standards

EN54-5:2000 + A1:2002

- Fire detection and fire alarm systems - Heat detectors - Point detectors

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

This certification was issued on **30th March 2010** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly and latest on **30th March 2015**.



Jerry Quayle
Director

Appendix to EC Certificate of conformity 359-CPD-0011

The details and condition of use for the Xpander Class CS Heat Detector Head XPA-HT-11171-APO, placed on the market by Apollo Fire Detectors Limited are:

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

Bases:

Xpander Wireless Detector Base XPA-WB-10022-APO*

*Base manufactured by EMS Security Group Limited.

General Notes:

1. The device must be used with the following batteries only:
MN1500 LR6-1.5 volt alkaline AA cells
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

This certification was issued on **30th March 2010** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly and latest on **30th March 2015**.



Jerry Quayle
Director

Certificate of Constancy of Performance

0359-CPR-00037



In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s).

Product(s): **XPander Wireless Detector Bases**
(refer to attached appendix for details and conditions)

Produced by or for: **Apollo Fire Detectors Limited**
36 Brookside Road, Havant, Hampshire, PO9 1JR

Produced in the manufacturing plant(s): **EMS Security Group Limited**
Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ

Intended use: **Fire Safety**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN54-25:2008+AC:2012

Fire detection and fire alarm systems. Fire detection and fire alarm systems - Components using radio links

Under system 1 are applied and that the product(s) fulfils all the prescribed requirements set out above.

This certificate was first issued under CPD (89/106/EEC) on **24 June 2010** and re-issued on **2 December 2014** under CPR (305/2011/EU) and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body. A review of the product(s) and compliant standard(s) will be carried out after 5 years to ensure continued compliance.



Notified Body
0359

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Oliver Richardson
Operations Manager

Date 2/12/2014
Issue 1
Review date 24/6/2015

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 United Kingdom

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for a expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by

Certificate of Constancy of Performance

0359-CPR-00037



Appendix to Certificate of Constancy of Performance 0359-CPR-00037

The details and condition of use for the XPander Wireless Detector Base XPA-WB-10022-APO, placed on the market by:

Apollo Fire Detectors Limited

36 Brookside Road, Havant, Hampshire, PO9 1JR

Variants:

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

Detectors:

XPander Class A1R Heat Detector, Part No. XPA-HT-11170-APO

XPander Class CS Heat Detector, Part No. XPA-HT-11171-APO

XPander Photoelectric Smoke Detector, Part No. XPA-OP-12034-APO

XPander Multisensor Smoke Detector, Part No. XPA-OH-13032-APO

Conditions of use:

Suitable for indoor applications

General Notes:

1. Evaluated under Intertek project numbers;
G09042160 for the XPander Detector Base XPA-WB-10022-APO
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

Intertek Testing & Certification Limited, Cleeve Road, Leatherhead, Surrey, KT22 7SB
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0359-CPR-00037
Issue 1

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Certificate of Constancy of Performance

0359-CPR-00037



Appendix to Certificate of Constancy of Performance 0359-CPR-00037 (continued)

<i>Table of performance for EN54-25:2008+AC:2012</i>			
Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance parameters under fire conditions	Pass	4.1, 4.2.2, 5.2, 8.3.7	a
Response delay (response time to fire)	Pass	8.2.3, 8.2.6	a
Operational reliability	Pass	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	
Durability of operational reliability; temperature resistance	Pass	8.3.9, 8.3.10, 8.3.11	
Durability of operational reliability; vibration resistance	Pass	8.3.16, 8.3.17 to 8.3.19	
Durability of operational reliability; humidity resistance	Pass	8.3.12, 8.3.13, 8.3.14	b
Durability of operational reliability; corrosion resistance	Pass	8.3.15	
Durability of operational reliability; electrical stability	Pass	8.3.20	c
Notes:			
<p>a. <i>The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.</i></p> <p>b. <i>Clause 8.3.13 is only applicable for CIE and smoke detectors.</i></p> <p>c. <i>Clauses 8.3.20.2f and 8.3.20.2g are only applicable for mains supplied devices; these clauses were therefore not assessed.</i></p>			

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