



# Certificate of Constancy of Performance

## 0359-CPR-00033



### Appendix to Certificate of Constancy of Performance 0359-CPR-00033

The details and condition of use for the XPander Manual Call Point XPA-MC-14006-APO, placed on the market by:

#### **Apollo Fire Detectors Limited**

36 Brookside Road, Havant, Hampshire, PO9 1JR

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*):

#### **Products compliant with EN54-11:2001+A1:2006+AC1:2006 and EN54-25:2008+AC:2012:**

XPander Manual Call Point XPA-MC-14006-APO

#### **Conditions of use:**

Suitable for indoor applications

#### **General Notes:**

1. Evaluated under Intertek project number 101938375.
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.
3. The device must be used with the following batteries only:  
MN1500 LR6-1.5 volt alkaline AA cells

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0359-CPR-00033  
Issue 1

[www.intertek.com](http://www.intertek.com)

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CM14 5NQ, United Kingdom

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00033 (continued)

| <i>Table of performance for EN54-11:2001+A1:2006+AC1:2006</i>   |                    |  |              |
|---|--------------------|--|--------------|
| <b>Harmonised technical specification</b>   |                    |  |              |
| <b>Essential characteristics</b>  | <b>Performance</b> | <b>Clauses</b>   | <b>Notes</b> |
| Nominal activation conditions / Sensitivity and Performance under fire conditions   | Pass               | 4.3.2, 4.4, 4.7.1, 4.7.4, 5.2, 5.3                       |              |
| Operational reliability   | Pass               | 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5 |              |
| Durability of operational reliability temperature resistance  | Pass               | 5.7, 5.8, 5.9  | a            |
| Durability of operational reliability; vibration resistance   | Pass               | 5.14 to 5.17   |              |
| Durability of operational reliability; humidity resistance  | Pass               | 5.10, 5.11, 5.12, 5.19                                   | a            |
| Durability of operational reliability; corrosion resistance   | Pass               | 5.11, 5.13   |              |
| Durability of operational reliability; electrical stability   | Pass               | 5.6, 5.18  | b            |
| <i>Notes:</i>   |                    |  |              |
| <i>a- Clause 5.8, 5.11 and 5.19 are only applicable outdoor devices and therefore these clauses were not applied</i>                                    |                    |  |              |
| <i>b- Clause 5.18 d) e) and f) only apply to signal and control cables the manual call point is wireless and therefore these tests were not applied</i> |                    |  |              |

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00033 (continued)

| <i>Table of performance for EN54-25:2008+AC:2012</i>   |                    |   |              |
|--|--------------------|---|--------------|
| <b>Harmonised technical specification</b>  |                    |   |              |
| <b>Essential characteristics</b>   | <b>Performance</b> | <b>Clauses</b>  | <b>Notes</b> |
| 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            |
| <b>Notes:</b>  |                    |   |              |
| 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> |                    |   |              |
| b. <i>Clause 8.3.13 is only applicable for CIE and smoke detectors.</i>  |                    |   |              |
| 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>   |                    |   |              |

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