



# Certificate of Constancy of Performance



## 0359-CPR-00464

### Appendix to Certificate of Constancy of Performance 0359-CPR-00464

The details and conditions of use for the Vimpex Limited Fire-Cryer Range of sounders placed on the market by;

#### Vimpex Limited (VIMPUK.1)

Star Lane, Great Wakering, Southend on Sea, SS3 0PJ, United Kingdom

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 EN54-3:2001+A1:2002+A2:2006

Variant	Manufacturing Location	Description
Fire-Cryer® FC3/C/W	VIMPUK.1	Voice Sounder
Fire-Cryer® FC3/C/I	VIMPUK.1	Voice Sounder
Fire-Cryer® FC3/A/R/R	VIMPUK.1	Voice Sounder
Fire-Cryer® FC3/A/R/0	VIMPUK.1	Voice Sounder
Fire-Cryer® FC3/A/W/R	VIMPUK.1	Voice Sounder
Fire-Cryer® FC3/A/W/0	VIMPUK.1	Voice Sounder

### Approved Mounting Bases for use with Fire-Cryer® FC3/A/R/R, Fire-Cryer® FC3/A/R/0, Fire-Cryer® FC3/A/W/R, Fire-Cryer® FC3/A/W/0

Shallow Base

Deep Base

Note that the product is supplied with either shallow base or deep base.

Products supplied with a shallow base are marked with /S e.g. Fire-Cryer® FC3A/A/x/x/S

Products supplied with a deep base are marked with /D e.g. Fire-Cryer® FC3A/A/x/x/D

Models Fire-Cryer® FC3/C/W & Fire-Cryer® FC3/C/I has an integral mounting base

### Compliant settings: EN54-3:2001+A1:2002+A2:2006

The sounders are compatible with the following tones and volume settings:-

	Fire-Cryer® Models FC3/C/W, FC3/C/I, FC3/A/R/R, FC3/A/R/0, FC3/A/W/R, FC3/A/W/0							
Switch	SW1	SW2	SW3*	SW4	SW5	SW6	SW7	SW8**
<b>Volume</b>								
0dB	OFF	ON	-	OFF	ON	OFF	ON	-
-6dB	OFF	OFF	-	OFF	ON	OFF	ON	-
-12dB***	ON	ON	-	OFF	ON	OFF	ON	-
*SW3 is used to control the strobe so is not part of the compliant settings								
**SW8 is not used and should be in the OFF position								
***Applicable to Fire-Cryer® models FC3/A/R/R, FC3/A/R/0, FC3/A/W/R and FC3/A/W/0 only								

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0359-CPR-00464  
Issue 1

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

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# Certificate of Constancy of Performance



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### Conditions of Use:

1. Models Fire-Cryer® FC3/A/R/R, Fire-Cryer® FC3/A/R/0, Fire-Cryer® FC3/A/W/R and Fire-Cryer® FC3/A/W/0 are suitable for indoor use when fitted with shallow base.
2. Models Fire-Cryer® FC3/A/R/R, Fire-Cryer® FC3/A/R/0, Fire-Cryer® FC3/A/W/R and Fire-Cryer® FC3/A/W/0 are suitable for indoor or outdoor use when fitted with deep base.
3. Models Fire-Cryer® FC3/C/W and Fire-Cryer® FC3/C/I are suitable for indoor use

### General Notes:

1. Evaluated under Intertek project number 101164804
2. A strobe feature is present on models Fire-Cryer® FC3/A/R/R and Fire-Cryer® FC3/A/W/R. This is not intended as a primary source of alarm and so has not been assessed for compliance to EN54-23:2010
3. CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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### Appendix to Certificate of Constancy of Performance 0359-CPR-00464 (continued)

Table of performance for EN54-3:2001+A1:2002+A2:2006 Harmonised technical specification			
Essential characteristics	Performance	Clauses	Notes
Performance under fire conditions	Pass	4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C5.3	a), b)
Operational reliability	Pass	4.4, 4.5, 4.6, 5.4, C4	
Durability of operational reliability: temperature resistance	Pass	5.5, 5.6, 5.7, 5.8, 5.9	c)
Durability of operational reliability: humidity resistance	Pass	5.8, 5.9, 5.10	c)
Durability of operational reliability: corrosion resistance	Pass	5.11	
Durability of operational reliability: shock and vibration resistance	Pass	5.12, 5.13, 5.14, 5.15	
Durability of operational reliability: electrical stability	Pass	5.16	
Durability of operational reliability: resistance to ingress	Pass	5.17	
<i>Notes;</i>  a) <i>Clauses C.3, C.4, C.5.1 and C.5.3 are applicable to devices having a voice alarm function. Assessment was therefore carried out on all models.</i> b) <i>Clauses C.3.2 and C.5.3 are applicable to devices having a voice alarm function with synchronisation. Assessment was carried out on all models.</i> c) <i>Clauses 5.6 and 5.10 are applicable only to devices suitable for outdoor use. Assessment was made using the deep base option applicable to Fire-Cryer® FC3/A/R/R, Fire-Cryer® FC3/A/R/O, Fire-Cryer® FC3/A/W/R, Fire-Cryer® FC3/A/W/O</i>			

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