

UKCA Certificate of Constancy of Performance

This is to certify that:

Moflash Signalling Ltd
11 Upper Conybere Street
Highgate
Birmingham
B12 0EB
United Kingdom

Holds Certificate Number:

0086 CPR 774029

In respect of:

BS EN 54-3 - Fire alarm devices - sounders

In compliance with the Regulation (UK) Statutory Instrument 2019 No 465 of the United Kingdom Parliament (Construction Products (Amendment etc.) (EU Exit) Regulations or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product. This certificate was first issued on the date below and will remain valid as long as neither the designated standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

For and on behalf of BSI, an Approved Body for the above Regulation (Approved Body Number 0086):



Shahm Barhom, Group Product Certification Director

First Issued: 2022-11-14

Effective Date: 2022-11-14

Latest Issue: 2022-11-14



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Manufacturing Plant

Moflash Signalling Ltd

11 Upper Conybere Street
Highgate
Birmingham
B12 0EB

Product Information

BS EN 54-3:2001+A1:2002+A2:2006 Fire Alarm Devices – Sounders

Type A – For indoor use:

Model Reference	Type
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Carillon	24VDC Indoor Sounder
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Type B – For Outdoor use:

Model Reference	Type
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YA30	AC and DC Outdoor 100dB Industrial Sounder
YA40	AC and DC Outdoor 106dB Industrial Sounder
YL40	AC and DC Outdoor 106dB Industrial Sounder
YA50	AC and DC Outdoor 110dB Industrial Sounder
YL50	AC and DC Outdoor 110dB Industrial Sounder
YA80	AC and DC Outdoor 115dB Industrial Sounder
YL80	AC and DC Outdoor 115dB Industrial Sounder with Flasher
YA80	Super AC and DC Outdoor 120dB Industrial Sounder
YL80	Super AC and DC Outdoor 120dB Industrial Sounder with Flasher

Note:

The flasher functionality is outside the scope of this approval.

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Approved Tones :

Tone:	Description	Frequency
A	Alternate two tone	800 – 1000Hz
B	Slow Whoop	500 – 1200Hz
C	Reverse Sweep	1200 – 500Hz
D	AFNOR Alternate two tone	440 – 554Hz
E	Interrupted Tone	420Hz
F	ISO8201 Evacuation tone	800 – 1000Hz
G	Interrupted	1000Hz
H	Continuous tone	1000Hz



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Appendix 1

Harmonised Technical Specification		BS EN 54-3: 2001+A1:2002 +A2:2006
Essential Characteristics	Performance	Clause
Performance Parameters Under Fire Conditions		
Sound level	Pass	4.2
Frequencies and sound pattern	Pass	4.3
Reproducibility	Pass	5.2
Operational performance	Pass	5.3
Operational Reliability		
Durability	Pass	4.4 & 5.4
Construction	Pass	4.5
Marking and data	Pass	4.6
Durability of Operational Reliability		
Dry heat (operational)	Pass	5.5
Dry heat (endurance)	Pass	5.6
Cold (operational)	Pass	5.7
Damp heat, cyclic (operational)	Pass	5.8
Damp heat, steady state (endurance)	Pass	5.9
Damp heat, cyclic (endurance)	Pass	5.10
Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	5.11
Shock (operational)	Pass	5.12
Impact (operational)	Pass	5.13
Vibration, sinusoidal (operational)	Pass	5.14
Vibration, sinusoidal (endurance)	Pass	5.15
Durability of Operational Reliability, Electrical Stability		
Electromagnetic compatibility (EMC) immunity (operational)	Pass	5.16
Durability of Operational Reliability, Resistance to Ingress		
Enclosure protection	Pass	5.17

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