

Certificate of Product Approval

Certificate Number: 548e

Issue: 17

Gulf Security Technology Co., Ltd

No 80 Changjiang East Road
QETDZ
Qinhuangdao, Hebei Province
066004
China

is certified by BRE **Global** Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Alarm Warning Devices

C-9403

I-9403

I-9406

C-9404

I-9404

DI-9405

DI-9406

(refer to Appendix for details)

Standards

EN 54-3:2001 + A1:2002 + A2:2006

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P. Halligan

Signed for BRE Global Ltd

P Halligan

Verifier

28 February 2018

Date of Issue

21 June 2006

Date of First Issue



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BRE Global Ltd, Watford, WD25 9XX

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Appendix to Certificate No: 548e Gulf Security Technology Co., Ltd

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Certified Product	Description	LPCB Ref.No.
C-9403	Conventional Type A Sounder Strobe (Shallow Base and C-94DB Deep Base) Notes: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 01 2800Hz 0.34s off / 0.4s on Tone 02 2400Hz – 2900Hz @3Hz 2. The strobe function is not in the scope of the approval.	548e/01
I-9403	Intelligent Type A Sounder Strobe (Shallow Base and C-94DB Deep Base) Notes: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 14 2400Hz-2900Hz @ 3Hz Tone 16 500Hz-1200Hz, 3.75s on / 0.25s off Pre Alarm 800Hz, 1s on / 1s off 2. Approved in both normal and power saving mode 3. The strobe function is not in the scope of the approval 4. Approved with single address and dual address (pre-alarm and main alarm)	548e/02
I-9406	Analogue Addressable Indoor Sounder Beacon Base (I-9102, I-9103 Detectors and DZ-03 Bases) Notes: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 14 2400Hz-2900Hz @ 3Hz Tone 16 500Hz-1200Hz, 3.75s on / 0.25s off 2. The beacon function is not in the scope of this approval 3. Approved with P-9907 cover plate 4. Approved with I-9103 heat detector and I-9102 smoke detector	548e/03
C-9404	Conventional Type A Sounder (Shallow Base, C-94DB Deep Base) Note: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 01 2800Hz 0.34s off / 0.4s on Tone 02 2400Hz – 2900Hz @3Hz	548e/04

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Certified Product	Description	LPCB Ref.No.
I-9404	Intelligent Type A Sounder (Shallow Base, C-94DB Deep Base) Note: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 14 2400Hz-2900Hz @ 3Hz Tone 16 500Hz-1200Hz, 3.75s on / 0.25s off Pre Alarm 800Hz, 1s on / 1s off	548e/05
DI-9405	Analogue Addressable Type A Sounder Base (DB-01 Base) Notes: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 14 2400Hz-2900Hz @ 3Hz Tone 16 500Hz-1200Hz, 3.75s on / 0.25s off 2. Approved with DI-9103E heat detector and DI-9102E smoke detector	548e/06
DI-9406	Analogue Addressable Type A Flashing Sounder Beacon Base (DB-01 Base) Notes: 1. Meets the requirements of EN 54-3: 2001 at the following tones: Tone 14 2400Hz-2900Hz @ 3Hz Tone 16 500Hz-1200Hz, 3.75s on / 0.25s off 2. Approved with DI-9103E heat detector and DI-9102E smoke detector 3. The visual alarm function is not in the scope of this approval	548e/07

Bases:

DZ-03	Standard Base
Shallow Base	Shallow Base
C-94DB	Deep Base
DB-01	Mounting Base

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Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
548e/01	C-9403	FX9403	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/01	C-9403	S-C481	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548e/01	C-9403	AVD-C403	Multron Systems Pte Ltd	548e-(cl-6)
548e/01	C-9403	SEC-9403	SS Fire & Security SDN BHD	548e-(cl-7)
548e/02	I-9403	FX9403I	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/02	I-9403	S-A491	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548e/02	I-9403	AVD-A403	Multron Systems Pte Ltd	548e-(cl-6)
548e/02	I-9403	SEA-9403	SS Fire & Security SDN BHD	548e-(cl-7)
548e/03	I-9406	FX9406I	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/03	I-9406	S-A496	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548e/04	C-9404	FX9404	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/04	C-9404	S-C480	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548e/04	C-9404	SEC-9404	SS Fire & Security SDN BHD	548e-(cl-7)
548e/05	I-9404	FX9404I	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/05	I-9404	S-A490	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)

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LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
548e/05	I-9404	SEA-9404	SS Fire & Security SDN BHD	548e-(cl-7)
548e/06	DI-9405	SEA-9405	SS Fire & Security SDN BHD	548e-(cl-7)
548e/06	DI-9405	FXI9405E	FIREX Protection System Technology Ltd	548e-(cl-3)
548e/07	DI-9406	SEA-9406	SS Fire & Security SDN BHD	548e-(cl-7)
548e/07	DI-9406	FXI9406E	FIREX Protection System Technology Ltd	548e-(cl-3)

Bases

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed Company	Cross-Listed Co
548	C-94DB	C-94DB	Multron Systems Pte Ltd	548e-(cl-6)
548	Shallow base	Shallow base	Multron Systems Pte Ltd	548e-(cl-6)
548	DZ-03	DZ-03	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548	Shallow base	Shallow base	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548	C-94DB	S-49DB	SHIELD FIRE, SAFETY AND SECURITY LTD	548e-(cl-4)
548	C-94DB	FX94DB	FIREX Protection System Technology Ltd	548e-(cl-3)
548	DZ-03	DZ-03	FIREX Protection System Technology Ltd	548e-(cl-3)
548	Shallow base	Shallow base	FIREX Protection System Technology Ltd	548e-(cl-3)
548	C-94DB	SE-94DB	SS Fire & Security SDN BHD	548e-(cl-7)

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LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed Company	Cross-Listed Co
548	DB-01	SE-DB-01	SS Fire & Security SDN BHD	548e-(cl-7)
548	DB-01	FX-01	FIREX Protection System Technology Ltd	548e-(cl-3)

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