



Certificate of Conformity

Certificate num.	Registration date	Version	Issue date	Valid until	Page 1 of 2
afp - 3343	29-Mar-2019	Number 6	4-Apr-2024	30-Apr-2025	

Product designation

24M, Model SMAPS9VDCH, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

FireBox Australia Pty Ltd
Lot 5, 19 Balook Drive, BERESFIELD, NSW, AUSTRALIA, 2322

Registrant

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

Producer

Siterwell Electronics Co., Limited
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

Conformance criteria and evaluation

The 24M, Model SMAPS9VDCH, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015).
2. CSIRO Technical Specification TS-007, Version 3: 15-Sep-2016, 'Evaluation for Conformity of smoke alarms to the requirements of AS 3786:2014'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3343	29-Mar-2019	Number 6	Issue date 4-Apr-2024	30-Apr-2025

Page 2 of 2

Producer's description

The 24M, Model SMAPS9VDCH, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm is intended for use in residential dwellings.

The equipment senses smoke using the photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized.

A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

A 'silence button' feature is also incorporated. Pressing the silence button will temporarily silence the alarm for 8 minutes.

The 24M, Model SMAPS9VDCH, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm is circular in shape and is approximately 89.5 mm diameter with a height of 35 mm.

Technical specification

The following details are a representative extract of the technical specification for the 24M, Model SMAPS9VDCH, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Sensor type:	Photoelectric (Type A)
Power:	9 Vdc Gold Peak: GP1604S, GP1604A Raymax: 6LR61
Operation current:	< 15 μ A (standby), < 25 mA (alarm)
Alarm volume:	>85dB(A) at 3 meters.
Alarm sensitivity:	0.099 - 0.144 dB/m
Same push test button to activate silence (hush) control	
Silence time:	approx. 8 minutes
Sound pattern:	ISO8201

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3296/R1	Evaluation for Conformity of the Firebox Model SMAPS9VDCH Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	4-Feb-2019	CSIRO, Fire Systems Laboratory, AU
Document	Version A	Smoke alarm User Manual Model number: SMAPS9VDCH	19-Dec-2018	Siterwell Electronics Co., Limited, CN