



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3248	14-Mar-2018	Number 10	Issue date 7-Apr-2026	30-Apr-2027

Product designation

24M, Model SMAPS9VDC, 9 Vdc battery powered, photoelectric smoke alarm

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

Agent/distributor

FireBox Australia Pty Ltd
16 Craftsman Close, BERESFIELD, NSW, AUSTRALIA, 2322

Conformance criteria and evaluation

The 24M, Model SMAPS9VDC, 9 Vdc battery powered, 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).

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.

Producer's description

The 24M, Model SMAPS9VDC, 9 Vdc battery powered, photoelectric smoke alarm is a low profile, circular styled, device intended for use in residential dwellings. 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. If the button is depressed an alarm signal is emitted.

This product clips onto a circular base (which is supplied with the alarm). The base has holes for mounting to the ceiling using the screws and anchors provided. A mechanical arrangement prevents the alarm from being assembled onto the mounting base without the battery installed.

The smoke alarm is circular in shape with a diameter of approximately 100mm and height of 37 mm.

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

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Technical specification

The following details are a representative extract of the technical specification for the 24M, Model SMAPS9VDC, 9 Vdc battery powered, 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	Type A, Photoelectric
Power	9 Vdc battery
Operational currents	
Standby	< 10uA
Alarm	< 30mA
Alarm Sound Pressure Level	>85dB(A) at 3 meters.
Sound alarm device pattern	ISO 8201
Replacement batteries	Gold Peak GP1604S, GP1604A Raymax 6LR61 Duracell 6LR61, MN1604 Eve CR9V/P

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	XF3139/R3	Evaluation for conformity of the Siterwell Electronics Co. Limited Model GS506E Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 'Smoke Alarms using scattered light, transmitted light or ionization'	31-Aug-2017	CSIRO, Fire Systems Laboratory
Document No.	D-506E-39-001 Version A	Smoke Alarm User Manual Model number: GS506E Ref : ST506E	20-Feb-2017	Siterwell Electronics Co., Limited