



# Certificate of Conformity

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<b>afp - 3505</b>	18-Aug-2020	Number 4	4-Apr-2024	30-Apr-2025	

## Product designation

**FirePro®, Model FP522V, 3 Vdc non-user replaceable (10 year) lithium battery powered, silencing/hush facility, photoelectric smoke alarm**

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

## Agent/distributor

Altamonte Pty Ltd  
138 – 140 Bayfield Rd East, BAYSWATER NORTH, VIC, AUSTRALIA, 3153

## 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 FirePro®, Model FP522V, 3 Vdc non-user replaceable (10 year) lithium 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).

## 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

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## Producer's description

The FirePro®, Model FP522V, 3 Vdc non-user replaceable (10 year) lithium battery powered, silencing/hush facility, photoelectric smoke alarm is a 3V DC 10 year self-contained smoke alarm intended for use in residential dwellings.

This unit 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. It also incorporates a 'silence button' feature with an independent button (adjacent to the 'test' button) for its operation. Pressing the silence button will temporarily silence the alarm for 10 minutes.

## Technical specification

The following details are a representative extract of the technical specification for the FirePro®, Model FP522V, 3 Vdc non-user replaceable (10 year) lithium 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:	Type A, Photoelectric
Power supply	Built-in DC3V(CR123A) Lithium battery (battery not replaceable)
Operation temperature	0°C to 45°C
Operation humidity	< 93%RH
Hush time (silence mode)	10 minutes ±10%
Don't disturb time	10 hours
Dimensions	114mm in diameter x 37.9mm in depth.

## 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	XF3382/R1	Evaluation for Conformity of the FirePro Model FP522V Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	22 June 2020	CSIRO, Fire Systems Laboratory, AU
Document ref.	FP522V-001 2020.02.18 Version: A	Smoke Alarm Device User Manual Model number: FP522V Ref: ST522E	18-Feb-2020	Siterwell Electronics Co., Limited, CN