



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3746</b>	18-Nov-2022	Number 2	Issue date 2-Apr-2024	30-Apr-2025

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## Product designation

**Kidde, Model KA-1400, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush feature, photoelectric smoke alarm**

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

## Agent/distributor

Kidde Australia  
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

## Registrant

Dongguan Fyrnetics Co., Ltd.  
No 1, Rongwen Road, Changan, DONGGUAN, GUANGDONG, CHINA, 523842

### Producer

Dongguan Fyrnetics Co., Ltd.  
No 1, Rongwen Road, Changan, DONGGUAN, GUANGDONG, CHINA, 523842

## Conformance criteria and evaluation

The Kidde, Model KA-1400, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush feature, 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



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## Producer's description

The Kidde Model KA-1400 Photoelectric Smoke Alarm is a low profile, circular styled, 9 V self-contained smoke alarm intended for use in residential buildings. 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.

The Kidde Model KA-1400 Photoelectric Smoke Alarm incorporates a 'silence button' feature. According to the manufacturer's instructions, pressing the silence button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

When the alarm silencing facility is activated, the silenced state is signalled by the flashing of the smoke alarm's LED at approximately 10 seconds intervals. When the silence period expires, the LED resumes flashing at approximately 60 seconds intervals, and normal sensitivity of the optical smoke detection circuit is restored.

The Kidde Model KA-1400 Photoelectric Smoke Alarm is approximately 105 mm in diameter and has a height of approximately 43 mm when connected to the supplied mounting base.

## Technical specification

The following details are a representative extract of the technical specification for the Kidde, Model KA-1400, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush feature, 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 variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description
Type	Ident.	
Part num.	140028	Photoelectric smoke alarm

### Schedule of properties/characteristics

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

Sensor type	Photoelectric
Alarm signal	85 dB @ 3 m, (ISO 8201)
Battery	3V Lithium, non-replaceable
Environmental	
Operating temperature	0° to 40° C
Humidity	93% (non-condensing)

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## 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	XF3591/R1	Evaluation for Conformity of the Kidde Model KA-1400 Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	14-Nov-2022	CSIRO, Fire Systems Laboratory, AU
User Manual	0308-7264-00	Kidde® Photoelectric Smoke Alarm 10 Year sealed battery User Manual Model KA-1400 P/N:140028 (0308-7264-00(140028)_KA-1400_2022_60x120mm_V1.pdf)	5-Sep-2022	Kidde Australia Pty Ltd, AU