



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2138	20-Nov-2007	Number 20	Issue date 2-Apr-2024	30-Apr-2025

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Product designation

Eyston, Model SD-196HA, 9Vdc battery powered, silencing/hush facility, photoelectric smoke alarm

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

Agent/distributor

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Registrant

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Producer

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Conformance criteria and evaluation

The Eyston, Model SD-196HA, 9Vdc 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. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001) / Amdt 4 (22 April 2004).

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 Eyston model SD-196HA is an internally powered, circular styled smoke alarm, intended for use in residential dwellings (domestic smoke alarm).

This product senses smoke using the photoelectric principle. An inbuilt piezo type sounder provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the sounder is de-energised.

It is internally powered from a replaceable 9 Vdc battery which is supplied with the alarm.

A self test facility is provided by means of a button on the cover of the device. If the button is depressed the alarm signal is emitted. This unit also incorporates an alarm 'silence' feature with an independent button (adjacent to the 'test' button) for its operation.

The unit clips onto a circular mounting base (which is supplied with the alarm), using a twist lock action. The base has two holes for mounting to the ceiling using the screws and anchors provided. A mechanical arrangement prevents the alarm from clipping onto the mounting base without the battery installed.

This product is circular in shape with a diameter of approximately 106mm and a height of 33mm when installed on its mounting base. It is supplied in clamshell type packaging along with its mounting base, battery, screws, anchors and instruction leaflet.

Technical specification

The following details are a representative extract of the technical specification for the Eyston, Model SD-196HA, 9Vdc 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	Photoelectric
Signal pattern	ISO 8201
Replacement batteries	
Carbon-Zinc Type	Eveready #1222; Gold Peak #1604P/S/G
Alkaline Type	Energizer #522; Duracell #MN1604; Gold Peak #1604A
Lithium Type	Ultralife #U9VL-J-P; FDK CP-V9J; Gold Peak #CR-9V
Temperature range	0 – 40°C
Specified smoke alarm life cycle	10 years

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	XF3112/R1	Evaluation for Conformity of the Eyston Model SD-196HA Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	10-Aug-2017	CSIRO, Fire Systems Laboratory
Report number	XF2274/R1	Evaluation for Conformity Eyston model SD-196HA smoke alarm to AS 3786-1993 (inc. amdt 1 to 4)	22-May-2007	CSIRO, Industrial Research Services
Instruction manual	ART-SD196HAA-00 REV.03	Eyston, MODEL SD-196HA PHOTOELECTRIC SMOKE ALARM WITH SILENCE FACILITY	13-Jun-2017	Eyston Company Limited, CHINA