

Certificate of Conformity

| Certificate num. | Registration date | Version | Valid until | |
|-------------------|-------------------|-------------|--------------------------|-------------|
| afp - 1635 | 27-Oct-2003 | Number 8 | Issue date 1-May-2013 | 30-Apr-2014 |

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Product designation

Quell, Model SA800, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm

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

Agent/distributor

Chubb Fire & Security Pty Ltd
149-155 Milton Street, ASHFIELD, NSW, AUSTRALIA, 2131

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 Quell, Model SA800, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995).

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



David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Quell, Model SA800, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm is a single station, externally energised smoke alarm that utilises a replaceable internal battery. The smoke alarm is intended for use in residential dwellings. A piezo-electric sounder provides an audible alarm signal and the red alarm LED is illuminated when the smoke level exceeds the pre-determined alarm threshold. When the smoke level falls below the alarm threshold, the smoke alarm resets automatically. A self test facility electronically simulates the presence of smoke. When the test button is depressed, the piezo-electric sounder will emit an alarm signal. When the silence/hush button is depressed for approximately 10 seconds, the sensitivity of the smoke alarm is reduced for a period of approximately eight minutes. In the hush mode, the smoke alarm will chirp as in a low battery condition.

A green LED is provided to indicate 240 Vac supply is connected to the smoke alarm. The smoke alarm is connected to a dedicated mounting plate that contains a three (3) pin terminal block for the mains supply wiring. The terminal block for mains connection is secured the upper side of the mounting bracket supplied with the smoke alarm. The standby battery is replaceable from the battery compartment after removing the smoke alarm from the mounting bracket. When the battery has reached the end of its service life, the smoke alarm will emit a fault signal.

This product is supplied with a mounting bracket and locking pin, two (2) mounting screws, terminal shroud, and user manual.

Technical specification

The following details are a representative extract of the technical specification for the Quell, Model SA800, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

| | |
|------------------------------|---|
| Primary power supply: | 220 Vac to 240 Vac 50 Hz |
| Operating current: | 80 ma (maximum) |
| Standby power supply: | Internal 9.0 Vdc Battery |
| Operating current: | 20 mA (maximum) |
| Battery replacement: | |
| Carbon-Zinc type: | Eveready #216 GoldPeak #1604P/S/G |
| Alkaline type: | Energiser #522 GoldPeak #1604A |
| Source type: | Dual ionisation chamber |
| Source details: | Americium 241 0.9 µC |
| Temperature range: | 5°C to 45°C |
| Interconnection: | Maximum of twenty smoke alarms Maximum distance between first and last smoke alarm is 150 metres |