



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3181</b>	22-Aug-2017	Number 7	Issue date 23-Mar-2023	30-Apr-2024

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## Product designation

**Hochiki, Model ATJ-ASN, Class P (A1, B or C), heat sensor**

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

## Agent/distributor

Hochiki Australia Pty Ltd  
391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

## Registrant

Hochiki Australia Pty Ltd  
391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

### Producer

Hochiki Corporation  
10 - 43, Kamiosaki 2-Chome, SHINAGAWA-KU, TOKYO, JAPAN, 141

## Conformance criteria and evaluation

The Hochiki, Model ATJ-ASN, Class P (A1, B or C), heat sensor has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.5-2004, 'Fire detection and alarm systems - Part 5: Point type heat detectors (ISO 7240-5:2003, MOD)'.

## 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.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. This equipment is specified by the Producer for connection and use only with Fire detection control and indicating equipment (FDCIE) produced and designated as follows.
  - Kentec Electronics Ltd: Taktis, Syncro AS
- ii. Verified for alarm settings at parameter set A1, B and C.

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 Hochiki, Model ATJ-ASN, Class P (A1, B or C), heat sensor is compatible with Hochiki's ESP Analogue Addressable Protocol.

This equipment incorporates a variable temperature heat element and rate of rise heat element, both of which are controlled from the control panel, allowing either thermal element or both elements simultaneously to be active in making the fire decision. The sensor polling LEDs can also be controlled via the Control Panel (pulsing/non-pulsing).

The Hochiki, Model ATJ-ASN, Class P (A1, B or C), heat sensor is 100 mm diameter and has a height of approximately 45 mm when connected to the mounting base assembly

## Technical specification

The following details are a representative extract of the technical specification for the Hochiki, Model ATJ-ASN, Class P (A1, B or C), heat sensor 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.

Operating voltage	17 – 41 Vdc
Low power mode (typ)	110 µA
Quiescent current (typ)	350 µA
Alarm current (typ)	19 mA
Operating temperature range	-10°C to + 50°C
Storage temperature range	-30°C to + 60°C
Maximum humidity	95%RH - Non Condensing (at 40°C)
Ingress protection rating	IP64
Colour / Case material	White / ABS
Weight (g)	100 (Excluding base)
Diameter (mm) / Height with YBN base (mm)	100 / 46

### Schedule of components and/or assemblies

The following is a schedule of validated components and/or assemblies of the certified/listed equipment.

Verified base designation	Description	Base + detector circuit type	Protocol
Hochiki, Model YBN-R/3	Common Mounting Base	Analogue Addressable	Hochiki ESP

## 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	XL2850/R5	Evaluation for conformity of the Hochiki Model ATJ-ASN Class P (A1, B, C) Heat Sensor to the requirements of AS 7240.5-2004	17-frb-2017	CSIRO, Fire Systems Laboratory, AU
Specification	ATJ-ASN Iss/V1/FEB19	Hochiki Analogue Multi-Heat Sensor ATJ-ASN (ATJ-ASN Specification(HAU).pdf)	13-Feb-2019	Hochiki Australia Pty Ltd, AU