



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3182	22-Aug-2017	Number 8	Issue date 27-Mar-2024	30-Apr-2026

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Product designation

Hochiki, Model ACC-ASN, photoelectric smoke and Class A1, C heat, multisensor

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

Agent/distributor

Hochiki Australia Pty Ltd
Block Y, Unit 1 Regents Park Estate, 391 Park Road, REGENTS PARK, NSW, AUSTRALIA, 2143

Registrant

Hochiki Australia Pty Ltd
Block Y, Unit 1 Regents Park Estate, 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 ACC-ASN, photoelectric smoke and Class A1, C heat, multisensor has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS ISO 7240.5:2018, 'Fire detection and alarm systems - Part 5: Point-type heat detectors'.
2. Australian Standard AS 7240.7:2018, 'Fire detection and alarm systems - Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization (ISO 7240-7:2018, 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 4.5% (low sensitivity) Multi-mode or Smoke-only mode.

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

Kaj Loh
Executive Officer – ActivFire Scheme



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Producer's description

The Hochiki, Model ACC-ASN, photoelectric smoke and Class A1, C heat, multisensor is compatible with the Hochiki ESP analogue addressable protocol, and incorporates a thermal element and photoelectric smoke chamber.

This equipment has three modes, which are controlled from the control panel, allowing either the optical element or thermal element or both elements to be active in making the fire detection. The sensor polling LEDs can be controlled via the control panel (pulsing/non-pulsing). The smoke chamber can be removed or replaced for maintenance.

The Hochiki, Model ACC-ASN, photoelectric smoke and Class A1, C heat, multisensor 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 ACC-ASN, photoelectric smoke and Class A1, C heat, multisensor and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of components and/or assemblies

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

Variant		Description	Compatible bases
Type	Ident.		
Model	ACC-ASN	Photoelectric smoke and Class A1, C heat, multisensor detector	YBN-R/3 (WHITE / IVORY / BLACK), YBN-R/3-SCI (WHITE), YBN-R(BLACK), YBN-R/3-SCI (WHITE / IVORY / BLACK), YBN-R/3-SCI (WHT / IVORY / BLACK), YBN-R//2-NA (IVORY), YBO-R-SCI (IVORY), YBO-BS (WHITE / IVORY / BLACK), YBO-BSB (WHITE / IVORY / BLACK)

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)	120 μ A
Quiescent current (typ)	400 μ A
Alarm current (typ)	9.1 mA (excluding remote indicator)
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	IP42
Colour / Case material	White, Ivory, Black / Polycarbonate - ABS
Weight (g)	95
Diameter (mm) / Height with YBN base (mm)	100 / 45

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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	CSBA0070/R1a	Evaluation for Conformity of the Hochiki Model ACC-ASN Photoelectric Smoke and Class A1, C Heat Multi Sensor to the requirements of AS ISO 7240.5:2018 and AS 7240.7:2018	18-Mar-2024	CSIRO, Fire Systems Laboratory, AU
	XL2850/R6	Evaluation for Conformity of the Hochiki Model ACC-ASN Photoelectric Smoke and Class P (A1, C) Heat Multi Sensor to the requirements of AS 7240.5-2004 and AS 7240.7-2004	17-Feb-2017	
Specification	ACC-ASN Iss3/JUL19	Hochiki ESPintelligent ACC-ASN Analogue Multi-Sensor (ACC-ASN_1410110-20_Product_Specifications_04.pdf)	16-Nov-2021	Hochiki Australia Pty Ltd, AU