Date : 20 January 2022

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE-P115627-1000 TE-P115346-1000 Part 3 of 3	**CERTIFICATE NUMBER**	164ac
DATE OF ISSUE	30 September 2021 9 November 2021	**DATE OF ISSUE**	18 January 2022
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Hochiki Europe (UK) Limited	**NAME OF THE BRAND**	HFP
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Grosvenor Road Gillingham Business Park Gillingham Kent ME8 0SA United Kingdom	**MODEL / NO**	**Multi-Criteria Detectors** ACC-EN ACC-EN(WHT) ACC-EN(BLK)
WEBSITE	www.hochikieurope.com	**LOGO ON THE PRODUCT**	HFP
TEL	+44 (0)1634 260133	**EMAIL**	info@hochikieurope.com

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Product Details From Test Report

Reference Test Report page NO

N/A

DESCRIPTION OF THE PRODUCT
(TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)

Certified Product	Description	LPCB Ref.No.
ACC-EN	Intelligent Analogue Addressable Multi-criteria Detector (YBN-R/3, YBO-BS, YBN-R/3(SCI), YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Certificated at the following modes: Mode 0 – Thermally enhanced smoke detector at 2% and 4.5% sensitivity Mode 1 – Optical smoke detector at 2% and 4.5% sensitivity Mode 2 – Fixed temperature heat detector at class A1 & C	164ac/01
ACC-EN(WHT)	Intelligent Analogue Addressable Multi-criteria Detector (YBN-R/3, YBO-BS, YBN-R/3(SCI), YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Certificated at the following modes: Mode 0 – Thermally enhanced smoke detector at 2% and 4.5% sensitivity Mode 1 – Optical smoke detector at 2% and 4.5% sensitivity Mode 2 – Fixed temperature heat detector at class A1 & C	164ac/01
ACC-EN(BLK)	Intelligent Analogue Addressable Multi-criteria Detector (YBN-R/3, YBO-BS, YBN-R/3(SCI), YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL, YBO-BSB2(WHT)/RL, YBN-R/3(BLK), YBN-R/3(BLK)-SCI, YBO-BS(BLK), YBO-BSB2(BLK)/RL, YBO-BSB2(BLK)/WL and YBV-R/4(BLK) bases) Note: Certificated at the following modes: Mode 0 – Thermally enhanced smoke detector at 2% and 4.5% sensitivity Mode 1 – Optical smoke detector at 2% and 4.5% sensitivity Mode 2 – Fixed temperature heat detector at class A1 & C	164ac/01

Bases

YBN-R/3 Standard Base
YBN-R/3(WHT) Standard Base
YBN-R/3(SCI) Short Circuit Isolator Base
YBN-R/3(WHT)-SCI Short Circuit Isolator Base
YBO-R/SCI(RED) Short Circuit Isolator Base
YBO-BS Base Sounder
YBO-BS(WHT) Base Sounder (White)
YBO-BSB2/RL Base Sounder Beacon (Red LED)
YBO-BSB2(WHT)/RL Base Sounder Beacon (Red LED)
YBO-BSB2/WL Base Sounder Beacon (White LED)
YBO-BSB2(WHT)/WL Base Sounder Beacon (White LED)
YBV-R/4 Addressable Detector Base
YBV-R/4(WHT) Addressable Detector Base (White)
YBO-BS(BLK) Base Sounder
YBO-BSB2(BLK)/RL Base Sounder Beacon
YBO-BSB2(BLK)/WL Base Sounder Beacon
YBN-R/3(BLK) Addressable detector base (Black)

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	YBN-R/3(BLK)-SCI Short circuit isolator base (Black) YBO-BS(BLK) Base sounder (Black) YBO-BSB2(BLK)/RL Base Sounder Beacon (Black) (Red LED) YBO-BSB2(BLK)/WL Base Sounder Beacon (Black) (White LED) YBV-R/4(BLK) Standard base	
TEST STANDARD **(SUCH AS ASTM/BS EN/ DN ETC)**	**P115627** EN 54-29:2015 **P115346** EN 54-5:2000 + A1:2002 EN 54-7:2000 + A1: 2002 + A2: 2006 The below Standards have been updated during P120352, but no further testing was required: EN 54-5:2017 + A1:2018 EN 54-7:2018	Page 4 Page 5
TEST DESCRIPTION	**P115627** The object of this evaluation was to assess the performance of the Hochiki Europe (UK) Ltd., ACC-EN series of multi-criteria detectors and ACC-EN(SCI) series of multi-criteria detectors with short circuit isolator for compliance with the requirements of selected Clauses taken from EN 54-29:2015 when used with YBN-R/3 base. **P115346** The object of this evaluation was to assess the performance of the ACC-E(WHT), ACC-EN, ACC-EN(WHT) multi-criteria detectors and the ATJ-E(WHT), ATJ-EN, ATJ-EN(WHT), ATJ-EN(BLK) heat detectors for compliance with the requirements of EN 54-5:2000+A1 and EN 54-7:2000+A1+A2 when used with YBN-R/3(WHT)-SCI bases.	Page 4 Page 5
SPECIFICATION OF TEST SPECIMEN	**P115627** **Equipment** Qty. / Description / Receipt date 22 / ACC-EN(BLK) / 12/11/2019 22 / ACC-EN(BLK)-SCI / 12/11/2019 **P115346** **Submission 1** **Equipment** Qnty. / Description / Receipt date 22 / ACC-E(WHT) / 03/12/2019 22 / ACC-EN(WHT) / 03/12/2019 15 / ACC-EN(BLK) / 03/12/2019 15 / ATJ-E(WHT) / 03/12/2019 BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.	Page 5 Page 6

Submission 2

Equipment		
Qnty.	Description	Receipt date
22	ACC-E(WHT)	17/08/2020
22	ACC-EN(WHT)	17/08/2020

Submission 3

Equipment		
Qnty.	Description	Receipt date
22	ACC-E(WHT)	27/04/2021
22	ACC-EN(WHT)	27/04/2021

TEST RESULT
(SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)

P115627

ACC-EN Page 8

EN 54-29:2015 Clause – Title/Test	Comment	Result
8 – Marking, Labelling and Packaging	See Section 6.1 of this test report	Pass

ACC-EN(WHT) Page 10

EN 54-29:2015 Clause – Title/Test	Comment	Result
8 – Marking, Labelling and Packaging	See Section 8.1 of this test report	Pass

ACC-EN(BLK) Page 11

EN 54-29:2015 Clause – Title/Test	Comment	Result
5.2.7 – Reproducibility of smoke response – 2.0% Sensitivity	See Section 10.1 of this test report	Pass
5.2.8 – Reproducibility of heat response – Class A1R	See Section 10.2 of this test report	Pass
8 – Marking, Labelling and Packaging	See Section 10.3 of this test report	Pass

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ACC-EN

EN 54-7 Page 28

EN 54-7:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 12.1 of this test report	Pass
4.10 – Data	See Section 12.2 of this test report	Pass

EN 54-5 Page 25

EN 54-5:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 10.1 of this test report	Pass
4.10 – Data	See Section 10.2 of this test report	Pass

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ACC-EN(WHT) Page 34

EN 54-7

EN 54-7:2000 Clause – Title/Test			Comments			Result
4.9 – Marking			See Section 16.1 of this test report			Pass
4.10 – Data			See Section 16.2 of this test report			Pass
			Maximum RTV dB/m	Minimum RTV dB/m	Ratio	Result
5.4 – Reproducibility	(Ratio 1)	Mean RTV	0.22	-	1.12	Pass – Sub 3[1]
	(Ratio 2)	0.196	-	0.17	1.15	

EN 54-5 Page 31

EN 54-5:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 14.1 of this test report	Pass
4.10 – Data	See Section 14.2 of this test report	Pass

ACC-EN(BLK) Page 48

EN 54-7

EN 54-7:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 20.1 of this test report	Pass
4.10 – Data	See Section 20.2 of this test report	Pass

EN 54-5 Page 44

EN 54-5:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 18.1 of this test report	Pass
4.10 – Data	See Section 18.2 of this test report	Pass
5.8 – Reproducibility	See Section 18.3 of this test report	Pass

PRODUCT APPLICATION GUIDELINE (END USE)

(CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN___/TO BE INSTALLED AT____/TO BE CONNECTED WITH____/TO BE INSTALLED WITH___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN___/NOT TO BE INSTALLED AT___/ NOT TO BE INSTALLED WITH___ETC.

2-3-0-246 - Installation Instructions

Hochiki range of products are designed specifically for installation within industrial or commercial applications. To operate products, they will require use of approved and appropriately supported control indicating equipment (control panel).

Any installation must be completed in accordance with approval, technical & local authority requirements. Deviation from any such requirements is not approved by Hochiki.

Hochiki recommends installation by appropriately qualified, skilled or experienced individuals only.

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Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	BRE Global Ltd.	**NAME OF TEST FACILITY**	BRE Global Ltd.
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Bucknalls Lane Garston Watford WD25 9XX United Kingdom	**TEST FACILITY ADDRESS / REGION** (STREET / TOWN / CITY / COUNTRY)	Bucknalls Lane Garston Watford WD25 9XX United Kingdom
WEBSITE	www.breglobal.com	**WEBSITE**	www.breglobal.com
TEL	+44 (0)333 321 88 11	**TEL**	+44 (0)333 321 88 11
EMAIL	BREGlobalEnquiries@bre.co.uk	**EMAIL**	BREGlobalEnquiries@bre.co.uk
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	UKAS www.ukas.com	**ACCREDITED BY** (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	UKAS www.ukas.com
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	EN45011: 1998 / ISO 17065: 2012	**AS PER** (STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)	ISO 17025: 2005
VALIDITY (EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)	N/A	**VALIDITY** (EXPIRY DATE OF LABORATORY ACCREDITATION)	N/A
REFERENCE NUMBER: (CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	0007	**REFERENCE NUMBER:** (THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)	0578
CERTIFICATION MARK	LOSS PREVENTION CERTIFICATION BOARD LPCB		

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(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Richard Anderson	**SIGNATURE**	Digitally signed by Richard Anderson Date: 2022.02.02 19:46:10
EMAIL / TEL	randerson@hochikieurope.com +44 (0) 1634 266544 +44 (0)7970 764 568	**FACTORY OFFICIAL SEAL**	HOCHIKI EUROPE (UK) LIMITED Grosvenor Road Gillingham Business Park Gillingham, Kent ME8 0SA England
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	BRE Global Ltd. P Halligan	**SIGNATURE**	
EMAIL / TEL	BREGlobalEnquiries@bre.co.uk +44 (0)333 321 88 11	**CERTIFICATION BODY OFFICIAL SEAL**	BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- **COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)**