Date : 20 January 2022

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE-P115626-1000	**CERTIFICATE NUMBER**	164z
DATE OF ISSUE	3 July 2020	**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 with Short Circuit Isolators** ACC-E(WHT)-SCI ACC-E(HFP)-SCI
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
DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)		N/A

Certified Product	Description	LPCB Ref.No.
ACC-E(WHT)-SCI	Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (White Enclosure) Notes: Certificated at the following modes: Mode 0 - Thermally enhanced smoke detector at 2% and 4.5% sensitivity (Multi) Mode 1 - Optical smoke detector at 2% and 4.5% sensitivity (Smoke only) Mode 2 - Fixed temperature heat detector at Class A1 & C (Heat only)	164z/01
ACC-E(HFP)-SCI	Intelligent Analogue Addressable Multi-Criteria Detector with Short Circuit Isolator (White Enclosure) Notes: Certificated at the following modes: Mode 0 - Thermally enhanced smoke detector at 2% and 4.5% sensitivity (Multi) Mode 1 - Optical smoke detector at 2% and 4.5% sensitivity (Smoke only) Mode 2 - Fixed temperature heat detector at Class A1 & C (Heat only)	164z/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

TEST STANDARD (SUCH AS ASTM/BS EN/ DIN ETC)	EN 54-5:2000 + A1:2002 EN 54-7:2000 + A1:2002 + A2:2006 EN 54-17:2005 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 5
TEST DESCRIPTION	The object of this evaluation was to assess the performance of the ACC-E(WHT)-SCI, ACC-E(SCI), ACC-EN(WHT)-SCI, ATJ-E(WHT)-SCI, ATJ-EN(SCI) and AJT-EN(WHT)-SCI range of detectors, produced at an additional manufacturing site, for compliance with the requirements of	Page 5

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EN 54-5:2000 + A1:2002; EN 54-7:2000 + A1:2002 + A2:2006 and EN 54-17:2005 when used in conjunction with YBN-R/3(WHT)-SCI and YBV-R/4(WHT) mounting bases.

SPECIFICATION OF TEST SPECIMEN — Page 6

First submission

Equipment		
Quantity.	**Description**	**Receipt date**
2	HFP-AP-AS Control Panel	05/11/2019
20	ACC-E(WHT)SCI intelligent Analogue Addressable Multi-criteria Detector with Short Circuit Isolator (White enclosure)	05/11/2019
20	ACC-EN(WHT)SCI intelligent Analogue Addressable Multi-criteria Detector with Short Circuit Isolator (White enclosure)	05/11/2019
15	ATJ-E(WHT)SCI intelligent Analogue Addressable Class P Heat Detector with Short Circuit Isolator (White enclosure)	05/11/2019
15	ATJ-EN(WHT)SCI intelligent Analogue Addressable Class P Heat Detector with Short Circuit Isolator (White enclosure)	05/11/2019
20	YBV-R/4(WHT)	05/11/2019
20	YBN-R/3(WHT)SCI	05/11/2019

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

ACC-E(WHT)-SCI — Page 14

EN 54-7

EN 54-7:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 6.1 of this test report	Pass
4.10 – Data	See Section 6.2 of this test report	Pass

			Maximum RTV dB/m	Minimum RTV dB/m	Ratio	Result
5.4 – Reproducibility Mode 0 @ 2%	(Ratio 1)	Mean RTV	0.12	-	1.25	Pass
	(Ratio 2)	0.096	-	0.08	1.2	
5.4 – Reproducibility Mode 1 @ 4.5%	(Ratio 1)	Mean RTV	0.19	-	1.07	Pass
	(Ratio 2)	0.178	-	0.16	1.11	

EN 54-5 — Page 21

EN 54-5:2000 Clause – Title/Test	Comments	Result
4.9 – Marking	See Section 8.1 of this test report	Pass
4.10 – Data	See Section 8.2 of this test report	Pass
5.8 – Reproducibility (Class A1)	See Section 8.3 of this test report	Pass

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EN 54-17

EN 54-17:2005 Clause – Title/Test	Comments	Result
4.7 – Marking	See Section 10.1 of this test report	Pass
4.8 – Data	See Section 10.2 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 19:46:50
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**	BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.
EMAIL / TEL	BREGlobalEnquiries@bre.co.uk +44 (0)333 321 88 11	**CERTIFICATION BODY OFFICIAL SEAL**	
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)**