Date : 17 June 2020

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE222740 TE224991 Rev A	**CERTIFICATE NUMBER**	164h
DATE OF ISSUE	1 August 2006 23 November 2010	**DATE OF ISSUE**	23 August 2017
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Hochiki Europe (UK) Ltd	**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**	Sounders & Sounder Beacon YBO-BS YBO-BS(WHT) CHQ-WS2 CHQ-WS2(WHT) CHQ-WS2/W YBO-BS(HFP) CHQ-WS2(HFP)
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)		

YBO-BS	Intelligent Analogue Addressable Type A Base Sounder	164h/01
YBO-BS(WHT)	Intelligent Analogue Addressable Type A Base Sounder – White Version	164h/01
YBO-BS(HFP)	Intelligent Analogue Addressable Type A Base Sounder – White Version	164h/01
CHQ-WS2	Intelligent Analogue Addressable Type A Wall Sounder	164h/02
CHQ-WS2(WHT)	Intelligent Analogue Addressable Type A Wall Sounder – White Version	164h/02
CHQ-WS2(HFP)	Intelligent Analogue Addressable Type A Wall Sounder – White Version	164h/02
CHQ-WS2/W	Intelligent Analogue Addressable Type B Wall Sounder - Weatherproof Version	164h/02

Bases

YBN-R/3
YBN-R/3(WHT)
YBN-R/3(WHT)-SCI
YBO-R/SCI(RED)
YBO-R/3(RED)
YBO-R/3(WHT)

TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-3:2001 + A1:2002 + A2:2006	
TEST DESCRIPTION	**TE222740 164h/01** The object of this evaluation was to examine the construction and assess the performance of the Hochiki YBO-BS Loop Powered Base Sounder for compliance with the requirements of EN54-3: 20011. Additional tests have been included from EN54-5:20002, EN54-7:20003 and LPCB/VdS Agreement Document AD6.14 in order to approve the sounder base with the whole of Hochiki's range of analogue sensors and for the purpose of gaining VdS approval. Further testing was carried out on an additional 43 sounder tones to EN54-3: 20011. Refer to BRE Test Report TE222740-17 for further details.	Page 5
	TE224991 164h/02 The object of this evaluation was to examine the construction and assess the performance of the Hochiki model CHQ-WS2 addressable wall sounders for compliance with the requirements of EN 54-3:	Page 6

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	20011 and LPCB/VdS Agreement Document AD6.12. The CHQ-WS2 wall sounder can be used in conjunction with the Hochiki weatherproofing kit, model WS2-WPK. When used in conjunction with the weatherproofing kit it becomes a Type B device and is referred to as CHQ-WS2/W. The majority of testing has been requested on the CHQ-WS2/W device in this evaluation. It should be noted that this report is Revision A of LPCB Test Report TE2249915. The report has been updated to include additional tones as required by the manufacturer LPBC Test Report TE2249915 dated July 2006 is to be superseded with effect from the date of this report.	
SPECIFICATION OF TEST SPECIMEN	**TE222740 164h/01**	Page 6

Equipment		
No.	**Description**	**Receipt date**
12	YBO-BS Loop Powered Base Sounders	01/09/2005
4	ACB-E Heat Detectors	01/09/2005
10	ALG-E Optical Smoke Detectors	01/09/2005
10	Hochiki Covers	01/09/2005
10	AIE-E Ionisation Smoke Detectors	17/01/2006

TE224991 164h/02 — Page 7

Equipment		
No.	**Description**	**Receipt date**
10	Hochiki CHQ-WS2 wall sounders	16/02/2006
10	Hochiki YBO-R/SCI short circuit isolator bases	16/02/2006
3	Hochiki WS2-WPK weatherproof kits	16/02/2006

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TEST RESULT **(SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)**	**TE222740 164h/01** The Hochiki YBO-BS Loop Powered Base Sounder met the requirements of a series of tests taken from EN54-3: 20011, EN54-5:20002, EN54-7:20003 and LPCB/VdS Agreement Document AD6.14 as specified in LPCB Test Schedule E120528/1.0.	Page 47 Page 84

	TE224991 164h/02 The Hochiki Europe (UK) Ltd model CHQ-WS2 addressable wall sounder met the requirements of a series of tests taken from EN 54-3: 20011 and LPCB/VdS Agreement Document AD6.12 as specified in LPCB Test Schedule E120626/1.14 on the first submission.	
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.**		

164h/01	YBO-BS	2-3-0-629
164h/02	CHQ-WS2	2-3-0-626

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 BRE GLOBAL LTD. BUCKNALLS LANE WATFORD WD25 9XX, UK		

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Richard Anderson	**SIGNATURE**	Digitally signed by Richard Anderson Date: 2020.06.22 09:50:44 +01'00'
EMAIL / TEL	randerson@hochikeurope.com +44 1634 266544	**FACTORY OFFICIAL SEAL**	HOCHIKI EUROPE (U.K.) 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	P Halligan BRE Global Ltd.	**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, UK
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)**