Date : 4 April 2019

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE213705 TE277796 TE280668	**CERTIFICATE NUMBER**	117h-(cl-1)
DATE OF ISSUE	21 November 2003 09 October 2012 13 March 2013	**DATE OF ISSUE**	27 March 2019
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Hochiki Corporation	**NAME OF THE BRAND**	Hochiki/HFP
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	141-Maebara Ejiri Kakuda City Miyagi 981-1521 Japan	**MODEL / NO**	**Smoke Detectors** ALN-E(WHT) ALN-E(HFP) ALN-EN ALN-EN(WHT)
WEBSITE	www.hochikieurope.com	**LOGO ON THE PRODUCT**	HOCHIKI or HFP
TEL	+44 (0)1634 260133	**EMAIL**	info@hochikieurope.com

BRE GLOBAL LTD
BUCKNALLS LANE
WATFORD
WD25 9XX, UK

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)	ALN-E(WHT)	Intelligent Analogue Addressable Optical Smoke Detector (YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Meets the requirements of EN54-7 in low and high sensitivity settings	117h/03	
	ALN-E(HFP)	Intelligent Analogue Addressable Optical Smoke Detector (YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Meets the requirements of EN54-7 in low and high sensitivity settings	117h/03	
	ALN-EN	Intelligent Analogue Addressable Optical Smoke Detector (YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Meets the requirements of EN54-7 in low and high sensitivity settings	117h/04	
	ALN-EN(WHT)	Intelligent Analogue Addressable Optical Smoke Detector (YBN-R/3(SCI), YBN-R/3, YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases) Note: Meets the requirements of EN54-7 in low and high sensitivity settings	117h/04	
	Bases YBN-R/4C — Conventional Mounting Base YBO-BS — Sounder Base YBN-R/3 — Standard Base YBN-R/3(SCI) — Short Circuit Isolator Base YBO-BSB2/WL — Base Sounder Beacon (White LED) YBO-BSB2(WHT)/WL — Base Sounder Beacon (White LED) YBO-BSB2/RL — Base Sounder Beacon (Red LED) YBO-BSB2(WHT)/RL — Base Sounder Beacon (Red LED)			
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-7: 2000 + A1: 2002 + A2: 2006			
TEST DESCRIPTION	**TE277796 Page 4** **117h/03** The object of this evaluation was to assess the performance of the Hochiki Europe (UK) Ltd, ALN-E analogue addressable point smoke detector and YBN-R/3 (SCI) short circuit isolating base for compliance with the requirements of EN 54-7:2000 and EN 54-17:2005.			

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TE280668 Page 4
117h/04
The object of this evaluation was to assess the performance of the Hochiki Europe (UK) Ltd, ACC-EN, ALN-EN and AJT-EN range of detectors for compliance with the requirements of EN 54-7: 2000 and EN 54-5: 2000 when used in conjunction with YBN/R3 and YBO-BSB mounting bases.

SPECIFICATION OF TEST SPECIMEN

TE277796 Page 5
117h/03

Equipment		
No.	**Description**	**Receipt date**
20	Hochiki Europe (UK) Ltd, ALN-E analogue addressable point smoke detectors.	13/04/2012
14	Hochiki Europe (UK) Ltd, YBN-R/3(SCI) Isolating bases.	13/04/2012

TE280668 Page 5
117h/04

Equipment		
No.	**Description**	**Receipt date**
20	YBN-R/3 mounting bases.	21/12/2012
20	ACC-EN analogue addressable multi-criteria detectors	21/12/2012
20	ALN-EN analogue addressable optical scatter smoke detector with heat enhancement	21/12/2012
4	YBN-BSB beacon sounder bases	21/12/2012

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

TE277796 Page 22
117h/03
The Hochiki Europe (UK) Ltd, ALN-E analogue addressable smoke detector and YBN-R/3 (SCI) short circuit isolator base met the requirements of tests specified in LPCB Test Schedule E122531/1.0 taken from EN 54-7:2000 and EN 54-17:2005 on the first submission with the exception of Clause 5.18 Fire sensitivity (EN 54-7) only. The requirements of this Clause were subsequently met on the second submission. Refer to Section 11.1 for further information.

	TE280668 Page 25 **117h/04** The Hochiki Corporation, ACC-EN, ALN-EN and ATJ-EN range of detectors met the requirements of a series of tests specified in LPCB Test Schedule E122642-1.2 taken from EN 54-5:2000 and EN 54-7:2000.	
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.**	117h/03 ALN-E(HFP) 2-3-0-246 117h/04 ALN-EN 2-3-0-246 117h/04 ALN-EN(WHT) 2-3-0-246 BRE GLOBAL LTD. BUCKNALLS LANE WATFORD WD25 9XX, UK	

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**	
EMAIL / TEL	randerson@hochikieurope.com 01634 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)**