Date : 19 December 2022

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE243064 Rev 1 TE277796	**CERTIFICATE NUMBER**	164n
DATE OF ISSUE	28 July 2011 8 October 2012	**DATE OF ISSUE**	9 February 2022
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Hochiki Europe (UK) Ltd	**NAME OF THE BRAND**	HOCHIKI
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Grosvenor Road Gillingham Business Park Gillingham Kent ME8 0SA United Kingdom	**MODEL / NO**	**Short Circuit Isolating Base** YBO-R/SCI (RED) YBN-R/3(SCI) YBN-R/3(WHT)-SCI YBN-R/3(BLK)-SCI YBN-R/3(HFP)-SCI
WEBSITE	www.hochikieurope.com	**LOGO ON THE PRODUCT**	HOCHIKI
TEL	+44 (0)1634 260133	**EMAIL**	info@hochikieurope.com

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WATFORD WD25 9XX
U.K.

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-R/SCI (RED) — Short Circuit Isolating Base (RED) — 164n/02 YBN-R/3(SCI) — Short Circuit Isolating Base — 164n/04 YBN-R/3(WHT)-SCI — Short Circuit Isolating Base (WHITE) — 164n/05 YBN-R/3(HFP)-SCI — Short Circuit Isolating Base — 164n/05 YBN-R/3(BLK)-SCI — Short Circuit Isolating Base (WHITE) — 164n/05	N/A
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-17:2005	
TEST DESCRIPTION	TE243064 Rev 1 164n/02 Page 4 The object of this evaluation was to examine the construction and assess the performance of the Hochiki Europe (UK) Limited, YBO-R/SCI short circuit isolator base to EN 54-17: 20051 and LPCB/VdS Agreement Document AD2.12 as specified in LPCB Test Schedule E121305/1.0. LPCB Test Schedule E121305/1.0 specifies that all testing is to be conducted in conjunction with the Hochiki ACA-E multisensor detector. TE277796 164n/04/05 Page 4 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. Under P115627, a new black base variant (YBN-R/3(BLK)-SCI)has been added to the approvals.	
SPECIFICATION OF TEST SPECIMEN	TE243064 Rev 1 164n/02 Page 5 Equipment No. — Description — Receipt date 14 — Hochiki Europe (UK) Limited, YBO-R/SCI short circuit isolator bases — 10/06/2008	

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164n & 164n/02/04/05

1	Hochiki Europe (UK) Limited, YBO-R/SCI short circuit isolator base (Red)	10/06/2008

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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

Second Submission

Equipment		
No.	**Description**	**Receipt date**
4	Hochiki Europe (UK) Ltd, ALN-E analogue addressable point smoke detectors – modified covers fitted to sample No.'s 17 to 20 from the first submission batch. Refer to Section 11 for full details.	09/08/2012

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

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The Hochiki Europe (UK) Limited, YBO-R/SCI short circuit isolator base met the requirements of a series of tests taken from EN 54-17: 20051 and LPCB/VdS Agreement Document AD2.12 as specified in LPCB Test Schedule E121305/1.0 on the first submission.
Revision 1: This report is revision 1 of BRE Test Report TE243064 dated 12th December 2008. Page 6 was updated on the 28th July 2011 to add the Vsc min and Ic max isolator parameters.

TE277796 164n/04/05 Page 22
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.

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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.** FIRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.	**2-3-0-1752 YBO-R/SCI (RED) Installation Instructions** **2-3-0-1499 YBN-R/3(SCI) Installation Instructions** **2-3-0-1499 YBN-R/3(WHT)-SCI Installation Instructions** **2-3-0-1499 YBN-R/3(HFP)-SCI Installation Instructions** **2-3-0-1499 YBN-R/3(BLK)-SCI 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.	

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	https://www.bregroup.com/about-us/bre-global/	**WEBSITE**	https://www.bregroup.com/about-us/bre-global/
TEL	+44 (0)333 321 88 11	**TEL**	+44 (0)333 321 88 11
EMAIL	BREGlobalEnquiries@bregroup.com	**EMAIL**	BREGlobalEnquiries@bregroup.com
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: 2017
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 U.K.		

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Shane Bartlett	**SIGNATURE**	
EMAIL / TEL	sbartlett@hochikieurope.com / 01634 233654	**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	BRE Global Ltd. P Halligan	**SIGNATURE**	
EMAIL / TEL	BREGlobalEnquiries@bregroup.com +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)**