Date : 29 June 2018

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-(cl-1)
DATE OF ISSUE	28 July 2011 9 October 2012	**DATE OF ISSUE**	20 April 2018
DATE OF EXPIRY		**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Hochiki Europe (UK) Ltd	**NAME OF THE BRAND**	Silver-Tec Ltd
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Grosvenor Road Gillingham Business Park Gillingham Kent ME8 0SA United Kingdom	**MODEL / NO**	Line Units ST-ABI-SCR ST-ABI-SCW
WEBSITE	www.hochikieurope.com	**LOGO ON THE PRODUCT**	Silver-Tec Instrumentation for your safety ...
TEL	+44 (0)1634 260131	**EMAIL**	info@silver-tec.co.uk

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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)	Hochiki Brand 164n/02 YBO-R/SCI (RED) 164n/05 YBN R/3(WHT)-SCI ST-ABI-SCR — Short Circuit Isolating Base (RED) — 164n/02 ST-ABI-SCW — Short Circuit Isolating Base (WHITE) — 164n/05	
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.	
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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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)

PASS
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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.

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The Hochiki Europe (UK) Ltd, ALN-E analogue addressable smoke detector and YBN-R/3 (SCI) short circuit isolator

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	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.	
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.	**164n/02 Installation Instructions 2-3-0-2470** **164n/05 Installation Instructions 2-3-0-2344** BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.	

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 164n/02/05	BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.	164n-(cl-1)

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Richard Anderson	SIGNATURE	HOCHIKI EUROPE (UK) LIMITED
EMAIL / TEL	randerson@hochikieurope.com 01634 266544	FACTORY OFFICIAL SEAL	Gillingham Business Park 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. E MATTIE SULEMAN	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 164n-(cl-1) 164n/02/05			

ATTACHMENTS:

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