Date : 4 April 2023

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE291940	**CERTIFICATE NUMBER**	164m
DATE OF ISSUE	20 June 2014	**DATE OF ISSUE**	26 June 2014
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	FFE	**NAME OF THE BRAND**	Hochiki Europe (UK) Ltd
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	9 Hunting Gate Wilbury Way Hitchin Hertfordshire SG4 OTJ United Kingdom	**MODEL / NO**	Flame Detectors IFD-E IFD-E(IS) IFD-E(EXD)
WEBSITE	www.ffeuk.com	**LOGO ON THE PRODUCT**	HOCHIKI
TEL	+44 (0) 1462 444 740	**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)	**16589:** Hochiki Brand 164m/01 IFD-E - Conventional IR3 Flame Detector (IFD-MB) **16579:** Hochiki Brand 164m/02 IFD-E(IS) - Conventional IR3 Intrinsically Safe Flame Detector (IFD-MB) **16519:** Hochiki Brand 164m/03 IFD-E(EXD) - Conventional IR3 (Exd) Flameproof Flame Detector (IFD-MB) **Ancillaries:** IFD-MB - Adjustable Mounting Bracket	
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-10:2002 + A1:2005	
TEST DESCRIPTION	The object of this evaluation is to assess the performance of the Fire Fighting Enterprises Ltd., Series 16000 range of flame detectors against a programme of tests taken from EN 54-10:2002+A1:2005. The test programme is specified in LPCB Test Schedule E123063/1.1 and has been significantly reduced due to the fact that the device listed have already been given LPCB Certification (see LPCB Certificate 729a). The flame detector models to be assessed are 016589,016689,016679,016519,016619, and 016581 all previously covered under LPCB Project E120379, Test Schedule E120379/1.1 and test reports TE 219534/TE219534-SW.	

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SPECIFICATION OF TEST SPECIMEN

Equipment submitted for testing

No.	Description	Receipt date
8	Fire Fighting Enterprises Ltd.,16589 IR^3 Conventional flame detectors	25/02/2014
8	Fire Fighting Enterprises Ltd.,16681 IR^2 Analogue addressable flame detectors	25/02/2014
8	Fire Fighting Enterprises Ltd.,16591 UV/IR^2 Conventional flame detectors	25/02/2014

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

The Fire Fighting Enterprises Ltd., Series 16000 range of flame detectors met the requirements of tests specified in LPCB Test Schedule E123063/1.1 taken from EN 54-10:2002+A1:2005 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.

164m/01	IFD-E(EXD)	2-3-0-810
164m/02	IFD-E(IS)	2-3-0-809
164m/03	IFD-E	2-3-0-808

BRE GLOBAL LTD.
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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	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.
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WD25 9XX, UK

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Shane Bartlett	**SIGNATURE**	
EMAIL / TEL	sbartlett@hochikieurope.com / 01634 266543	**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, 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)**