Date : 12 May 2016

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	TE292113	**CERTIFICATE NUMBER**	164v/01 164v/02
DATE OF ISSUE	19 January 2016	**DATE OF ISSUE**	12 May 2015
DATE OF EXPIRY	N/A	**DATE OF EXPIRY**	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Baldwin Boxall Communications Ltd	**NAME OF THE BRAND**	Hochiki Europe (UK) Limited
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Wealden Industrial Est. Farningham Road Jarvis Brook Crowborough TN6 2JR	**MODEL / NO**	HFP VA-RMV2 HFP VA-WMV2
WEBSITE	http://www.baldwinboxall.co.uk/	**LOGO ON THE PRODUCT**	HFP
TEL	01892 664422	**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)	Vigil 2 Rack Mounted Networked Voice Alarm Control and Indicating Equipment (Hochiki Europe (UK) Limited branded as HFP VA-RMV2)		164v/01
	BFM01RM BVRDIF2	Single Zone Rack Mount Fire Mic (1U) C/W	
	BFM401	400 Series Fire Mic. Single Zone	
	BFM404	400 Series Fire Mic 4 Zone	
	BFM408	400 Series Fire Mic 8 Zone	
	BMS8	Mic I/F Box RJ45 (BDM400 Series)	
	BV050Q	Vigil 2 50 Watt Quad Amplifier	
	BV125D	Vigil 125W Dual Amp	
	BV225	Vigil 225W Amp	
	BVRD2M	DSP Controlled Voice Alarm Routing Matrix	
	BVRD2M4	DSP VA Mini Router (4 Channel)	
	BVRD2M4ACO	Amp/Line Monitor & Changeover Module for BVRD2M4	
	BVRD2S	DSP Controlled Voice Alarm Slave Router Unit	
	BVRD2SLT	DSP Controlled Voice Alarm Mini Slave Unit	
	BVRD8	Voice Alarm Mic 8 Zone	
	BVRD16	Voice Alarm Mic 16 Zone	
	BVRD24	Voice Alarm Mic 24 Zone	
	BVRD32	Voice Alarm Mic 32 Zone	
	BVRD40	Voice Alarm Mic 40 Zone	
	BVRD48	Voice Alarm Mic 48 Zone	
	BVRD56	Voice Alarm Mic 56 Zone	
	BVRD64	Voice Alarm Mic 64 Zone	
	BVRDCI	Control Input Interface Card	
	BVRDCIF	Copper Interface for BVRDNET	
	BVRDFIF	Fibre Optic Interface for BVRDNET (Multi Mode)	
	BVRDFIFS	Fibre Optic Interface for BVRDNET (Single Mode)	
	BVRDFPI	Fire Panel Interface	
	BVRDIF1	Aux/Music Input Interface for EVAS racks	
	BVRDIF2	Mic I/P Interface for EVAS Racks	
	BVRDIF3	Data Mic I/P Interface for EVAS Racks	
	BVRDNET	BVRD2M Network Card	
	BVRDNET2M4	BVRD2M4 Network Card	

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BVSMP	Vigil 2 PSU/Charger Dual O/P	
BVSMPLT	Vigil 2 PSU/Charger Single O/P	
BVLAM	Impedance monitor	
BVRDNCO	Amp/Line Monitor (No Changeover)	
BVRDACO	Amp/Line Monitor (Automatic Changeover)	
BVRDADC	EVAS DC Line Monitor	
BVRDADIM Module	Master DC Line Monitor/Isolator/Changeover	
BVRDADIS Module	Slave DC Line Monitor/Isolator/Changeover	

Certified with the following options with requirements from EN 54-16:

7.5 Phased evacuation

8.4 Indication of faults related to voice alarm zones

10. Voice alarm manual control

12 Emergency microphone(s)

13.14 Redundant power amplifiers

Notes:

1. The Vigil 2 rack mount VACIE is approved when connected with the following monitoring modules

BEL1	EOL Monitor
BEL10	EOL Monitor x 10
BEL1IP	EOL Monitor (Weatherproof)

2. The VACIE speaker lines are monitored by use of the following modules namely BEL1, BEL10, BEL1IP in combination with a BVRDNCO or BVRDACO, or via a BVLAM, BVRDADC or BVRDADIM / BVRDADIS.
3. The VACIE was tested when connected to BVRAMB / BVRAMBIP Ambient Noise Sensing Microphone.
4. The following cabinets have been approved for use with Vigil 2 Rack Mounted VACIE when modified by Baldwin Boxall to meet IP30:-

RK20UN
RK20UDN
RK25UN
RK25UDN
RK34UN
RK34UDN
RK38UN
RK38UDN
RK43UN
RK43UDN

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	RK47UN RK47UDN This certificate is valid only when the installation has been performed in accordance with the "Vigil 2 Rack Mount VACIE EN54 System Design and Build Requirements LPCB".	
	Vigil 2 Eclipse 3 Wall Mounting Networked Voice Alarm Control and Indicating Equipment (Hochiki Europe (UK) Limited branded as HFP VA-WMV2) BVECASE3 — ECLIPSE3 c/w BVRD2M4 & BVL4 BVECASE3FM — Eclipse3 Fire Microphone Module (Red) BFM401 — 400 Series Fire Mic. Single Zone BFM404 — 400 Series Fire Mic 4 Zone BFM408 — 400 Series Fire Mic 8 Zone BMS8 — Mic I/F Box RJ45 (BDM400 Series) BV050Q — Vigil 2 50 Watt Quad Amplifier BV125D — Vigil 125W Dual Amp BV225 — Vigil 225W Amp BVRD2M4 — DSP VA Mini Router (4 Channel) BVRD2M4ACO — Amp/Line Monitor & Changeover Module for BVRD2M4 BVRD8 — Voice Alarm Mic 8 Zone BVRD16 — Voice Alarm Mic 16 Zone BVRD24 — Voice Alarm Mic 24 Zone BVRD32 — Voice Alarm Mic 32 Zone BVRD40 — Voice Alarm Mic 40 Zone BVRD48 — Voice Alarm Mic 48 Zone BVRD56 — Voice Alarm Mic 56 Zone BVRD64 — Voice Alarm Mic 64 Zone BVRDCIF — Copper Interface for BVRDNET BVRDFIF — Fibre Optic Interface for BVRDNET (Multi Mode) BVRDFIFS — Fibre Optic Interface for BVRDNET (Single Mode) BVRDNET2M4 — BVRD2M4 Network Card BVSMP — Vigil 2 PSU/Charger Dual O/P BVSMPLT — Vigil 2 PSU/Charger Single O/P Certified with the following options with requirements from EN 54-16: 7.5 Phased evacuation 8.4 Indication of faults related to voice alarm zones 10. Voice alarm manual control 12 Emergency microphone(s)	164v/02

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	13.14 Redundant power amplifiers Notes: 1. The Vigil 2 Eclipse 3 Wall Mounted VACIE is approved when connected with the following monitoring modules BEL1 EOL Monitor BEL10 EOL Monitor x 10 BEL1IP EOL Monitor (Weatherproof) 2. The VACIE speaker lines are monitored by use of the following modules namely BEL1, BEL10, or BEL1IP. The VACIE was tested when connected to BVRAMB / BVRAMBIP Ambient Noise Sensing Microphone.	
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 54-4:1997 + A1:2002 + A2:2006 EN 54-16:2008 EN 50130-4:2011	
TEST DESCRIPTION	The object of this evaluation was to assess the performance of the Baldwin Boxall Communications Ltd Vigil 2 RK34U rack mount & Vigil 2 Eclipse-3 wall mount Voice Alarm Control and Indicating Equipment for compliance with the requirements of Loss Prevention Certification Board (LPCB) test schedule E123068/1.4[1].	Page 5
SPECIFICATION OF TEST SPECIMEN		Page 6

Equipment

Qty	Description	Submission	Receipt date
1	RK34U rack mounted VACIE system (test specimen S1)	1A	Feb 2014
1	Eclipse-3 wall mount VACIE (test specimen S2)	1A	Feb 2014
1	Mini-rack VACIE for environmental tests (test specimen S3)	1A	Feb 2014
2	BVRD8 desk microphone unit	1A	Feb 2014
2	BFM404 wall mount microphone unit	1A	Feb 2014
2	Batteries – WING ESL 150-12 used with RK34U	1A	Feb 2014
4	Batteries – WING ESL 45-12 (fitted in RK34U and Eclipse-3 and mini rack when applying table 1 of EN 54-4 tests)	1A	Feb 2014
2	Batteries – Yuasa NP7-12 (fitted in mini-rack)	1A	Feb 2014

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TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/OBSERVATION___/ETC)	The Baldwin Boxall Communications Ltd RK34U and Eclipse 3 Rack Mounted Voice Alarm Control and Indicating Equipment, incorporating the BVRD8 and BFM404 microphone assemblies, met the requirements of EN 54-16:2008, EN 54-4:1997+A1:2002+A2:2006, EN 50130-4:1995+A1:1998+A2:2003 and selected clauses from EN 50130-4:2011 as specified in LPCB test schedule E123068/1.4, on the final submission.	Page 80

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.	2-3-0-2105 BEL1IP Manual 2-3-0-2106 BEL1 Manual 2-3-0-2107 BFM400 Manual 2-3-0-2108 BVO50Q Manual 2-3-0-2109 BV125D Manual 2-3-0-2110 BVSMP_BVSMPLT Manual 2-3-0-2111 BV225 Manual 2-3-0-2112 BVLAM Manual 2-3-0-2113BVRDADC Manual 2-3-0-2141 BVRD Manual 2-3-0-2142 BVRD2M Manual 2-3-0-2143 BVRD2M4 Manual 2-3-0-2144 BVRDNET Manual 2-3-0-2148 BVRDADIM Manual 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		164v/01 /02

United Arab Emirates
Ministry of interior
Civil Defense G.H.Q

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وزارة الداخلية
القيادة العامة للدفاع المدني
نة اعتماد المختبرات العالمية
بيوت الخبرة ومعاهد التدريب

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	NICHOLAS BALDWIN	SIGNATURE	
EMAIL / TEL	NICK@BALDWINBOXALL.CO.UK +441892664422	FACTORY OFFICIAL SEAL	BALDWIN BOXALL WEALDEN IND ESTATE CROWBOROUGH TN6 2JR 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-Suleiman	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 U.K.
NOTES: I Undertake that all data and information provided are genuine and accurate			164v/01 164v/02

ATTACHMENTS:

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