Date : 20 January 2022

# CERTIFICATE OF COMPLIANCE

| This certificate of compliance validates the following | | | |
|---|---|---|---|
| **TEST REPORT NUMBER** 'Assessment Reports' are not acceptable | TE-P105185-1001<br>TE-P115346-1000 Part 3 of 3 | **CERTIFICATE NUMBER** | 164y |
| **DATE OF ISSUE** | 25 January 2017<br>9 November 2021 | **DATE OF ISSUE** | 18 January 2022 |
| **DATE OF EXPIRY** | N/A | **DATE OF EXPIRY** | N/A |
| **Manufacturer details** | | | |
| **NAME OF FACTORY/ MANUFACTURER** | Hochiki Europe (UK) Limited | **NAME OF THE BRAND** | HFP |
| **FACTORY ADDRESS / REGION** (STREET / TOWN / CITY / COUNTRY) | Grosvenor Road<br>Gillingham Business Park<br>Gillingham<br>Kent<br>ME8 0SA<br>United Kingdom | **MODEL / NO** | **Heat Detectors**<br>ATJ-E(WHT)<br>ATJ-E(HFP)<br>ATJ-EN<br>ATJ-EN(WHT)<br>ATJ-EN(BLK) |
| **WEBSITE** | www.hochikieurope.com | **LOGO ON THE PRODUCT** | HFP |
| **TEL** | +44 (0)1634 260133 | **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) | | N/A |

| | | |
|---|---|---|
| ATJ-E(WHT) | Intelligent Analogue Addressable Class P Heat Detector (YBN-R/3, YBN-R/3(SCI), YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases)<br>Note: Classes A1R, BR, CR, A1S, BS and CS. | 164y/01 |
| ATJ-E(HFP) | Intelligent Analogue Addressable Class P Heat Detector (YBN-R/3, YBN-R/3(SCI), YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases)<br>Note: Classes A1R, BR, CR, A1S, BS and CS. | 164y/01 |
| ATJ-EN | Intelligent Analogue Addressable Class P Heat Detector (YBN-R/3, YBO-BS, YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases)<br>Note: Classes A1R, BR CR, A1S, BS and CS. | 164y/02 |
| ATJ-EN(WHT) | Intelligent Analogue Addressable Class P Heat Detector (YBN-R/3, YBO-BS YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases)<br>Note: Classes A1R, BR, CR, A1S, BS and CS. | 164y/02 |
| ATJ-EN(BLK) | Intelligent Analogue Addressable Class P Heat Detector (YBN-R/3, YBO-BS YBO-BSB2/WL, YBO-BSB2(WHT)/WL, YBO-BSB2/RL and YBO-BSB2(WHT)/RL bases)<br>Note: Classes A1R, BR, CR, A1S, BS and CS. | 164y/02 |

**Bases**

| | |
|---|---|
| YBN-R/3 | Addressable detector base |
| YBO-BS | Base sounder |
| 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) |
| YBN-R/3(BLK) | Addressable detector base (Black) |
| YBN-R/3(BLK)-SCI | Short circuit isolator base (Black) |
| YBO-BS(BLK) | Base sounder (Black) |
| YBO-BSB2(BLK)/RL | Base Sounder Beacon (Black) (Red LED) |
| YBO-BSB2(BLK)/WL | Base Sounder Beacon (Black) (White LED) |
| YBV-R/4(BLK) | Standard base |

| | | |
|---|---|---|
| **TEST STANDARD** (SUCH AS ASTM/BS EN/ DN ETC) | **P105185**<br>EN 54-5:2000 + A1:2002 | Page 5 |
| | **P115346**<br>EN 54-5:2000+A1 | Page 5 |
| | The below Standard has been updated during P120352, but no further testing was required:<br>EN 54-5:2017 + A1:2018 | |

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**TEST DESCRIPTION**

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The object of this evaluation was to assess the performance of the Hochiki Europe UK, models ACC-E (WHT), ACC-EN (WHT), ACC-EN,ATJ-E(WHT), ATJ-EN(WHT), ATJ-EN intelligent Analogue Addressable Multi-criteria detector and Class P Heat detectors for compliance with the requirements of a reduced series of test from EN 54-5:2000 + A1:2002 , EN 54-7:2000 + A1:2002 + A2:2006 and LPCB/VdS AD EN 54-7 , LPCB/VdS AD EN 54-5 and CEA 4021:2003-07 when used with YBN-R/3 Base. The following models are to be approved as part of this assessment

**P115346** — Page 5

The object of this evaluation was to assess the performance of the ACC-E(WHT), ACC-EN, ACC-EN(WHT) multi-criteria detectors and the ATJ-E(WHT), ATJ-EN, ATJ-EN(WHT), ATJ-EN(BLK) heat detectors for compliance with the requirements of EN 54-5:2000+A1 and EN 54-7:2000+A1+A2 when used with YBN-R/3(WHT)-SCI bases.

**SPECIFICATION OF TEST SPECIMEN**

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| Equipment | | |
|---|---|---|
| **No.** | **Description** | **Receipt date** |
| 20 | Hochiki ACC-EN Analogue Multi Sensor | 17/10/2016 |
| 20 | Hochiki ACC-E (WHT) Intelligent Multi-sensor | 19/10/2016 |
| 16 | ATJ-EN Intelligent Heat Sensor | 19/10/2016 |
| 16 | ATJ-E Intelligent Heat Detector | 20/10/2016 |
| 10 | YBN-R/3 Sensor Base | 19/10/2016 |

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Submission 1

| Equipment | | |
|---|---|---|
| **Qnty.** | **Description** | **Receipt date** |
| 22 | ACC-E(WHT) | 03/12/2019 |
| 22 | ACC-EN(WHT) | 03/12/2019 |
| 15 | ACC-EN(BLK) | 03/12/2019 |
| 15 | ATJ-E(WHT) | 03/12/2019 |

**TEST RESULT**
(SUCH AS PASSED CRITERIA___/ COMPLIED TO ___/ DURATION___/ OBSERVATION___/ETC)

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ATJ-E (WHT)

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section **Error! Reference source not found.** of this test report | Pass |
| 4.10 – Data | See Section **Error! Reference source not found.** of this test report | Pass |

ATJ-E Class A1R — Page 49

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|

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| | | | | | |
|---|---|---|---|---|---|
| 5.8 – Reproducibility | | See Section 10.1 of this test report | | | Pass |
| | Rate of rise | Response time before test mm:ss | Response time after test mm:ss | Change in response mm:ss | Result |
| 5.18b – Radiated electromagnetic fields (operational) | 3°C/min | 12:24 | 11.44 | 00:40 | Pass |
| | 20°C/min | 02:02 | 02:04 | 00:02 | Pass |
| 5.18c – Conducted disturbances (operational) | 3°C/min | 12:24 | 11:44 | 00:40 | Pass |
| | 20°C/min | 02:02 | 02:04 | 00:02 | Pass |
| 5.18d – Fast transient bursts (operational) | 3°C/min | 11:44 | 11:49 | 00:05 | Pass |
| | 20°C/min | 02:02 | 02:20 | 00:18 | Pass |

ATJ-EN(WHT) Page 52

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section Error! Reference source not found. of this test report | Pass |
| 4.10 – Data | See Section Error! Reference source not found. of this test report | Pass |

ATJ-EN Page 55

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section Error! Reference source not found. of this test report | Pass |
| 4.10 – Data | See Section Error! Reference source not found. of this test report | Pass |

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ATJ-E (WHT) Class A1

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section 22.1 of this test report | Pass |
| 4.10 – Data | See Section 22.2 of this test report | Pass |
| 5.8 – Reproducibility | See Section 22.3 of this test report | Pass |

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ATJ-EN Class P

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section 24.1 of this test report | Pass |
| 4.10 – Data | See Section 24.2 of this test report | Pass |

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ATJ-EN(WHT) Class P

| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section 26.1 of this test report | Pass |
| 4.10 – Data | See Section 26.2 of this test report | Pass |

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ATJ-EN(BLK) Class P

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| EN 54-5:2000 Clause – Title/Test | Comments | Result |
|---|---|---|
| 4.9 – Marking | See Section 28.1 of this test report | Pass |
| 4.10 – Data | See Section 28.2 of this test report | Pass |

**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.**

**2-3-0-246 - 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.

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## 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<br>Garston<br>Watford WD25 9XX<br>United Kingdom | **TEST FACILITY ADDRESS / REGION** (STREET / TOWN / CITY / COUNTRY) | Bucknalls Lane<br>Garston<br>Watford WD25 9XX<br>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<br>www.ukas.com | **ACCREDITED BY** (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE) | UKAS<br>www.ukas.com |
| **AS PER** (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO) | EN45011: 1998 /<br>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 | | |

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| (ENDORSEMENT) TO BE SIGNED BY MANUFACTURER | | | |
|---|---|---|---|
| **NAME OF MANUFACTURER'S SIGNATORY** | Richard Anderson | **SIGNATURE** | Digitally signed by Richard Anderson Date: 2022.02.02 19:47:18 |
| **EMAIL / TEL** | randerson@hochikieurope.com<br>+44 (0) 1634 266544<br>+44 (0 )7970 764 568 | **FACTORY OFFICIAL SEAL** | HOCHIKI EUROPE (UK) LIMITED Grosvenor Road, Gillingham Business Park Gillingham, Kent ME8 0RA 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.<br>P Halligan | **SIGNATURE** | |
| **EMAIL / TEL** | BREGlobalEnquiries@bregroup.com<br><br>+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)**