

## This is to Certify

**HOCHIKI CORPORATION**

141-1 Maehara, Ejiri, Kakuda-Shi, Miyagi 981-15, Japan

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**DCD-1E-IS, DFJ-AE3, DFJ-CE3, DCD-AE3, DFG-60BLKJ, DFG-60BLJ, DCD-CE3, ATG-E, ATG-E(NP), ACB-E, ACB-EW, DCC-1EL, DCD-AE3M and DCD-CE3M Heat Detectors**

which have complied with the requirements of the following:

**EN 54-5: 2000**

**Certificate No: 117g**

**Issue Number: 13**

**Date of Issue: 16 July 2010**

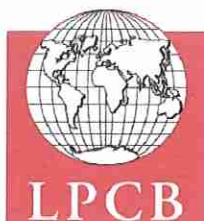
**Signed for and on behalf of LPCB**

**E MATTIE-SULEIMAN**



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## Appendix to Certificate

Certificate No: 117g

### HOCHIKI CORPORATION

Products		LPCB Ref. No.
DCD-1E-IS	Class A1 conventional intrinsically safe fixed temp and rate of rise heat detector (YBN-R/4IS <sup>1</sup> base)	117g/01
DFJ-AE3	Class A1S conventional fixed temperature heat detector (YCA-RL/3H2M <sup>1</sup> , YBN-R6 SK <sup>1</sup> and YBN-R/6 <sup>1</sup> bases)	117g/02
DFJ-CE3	Class CS conventional fixed temperature heat detector (YCA-RL/3H2M <sup>1</sup> , YBN-R6 SK <sup>1</sup> and YBN-R/6 <sup>1</sup> bases)	117g/03
DCD-AE3	Class A1R conventional rate of rise temperature heat detector (YCA-RL/3H2M <sup>1</sup> , YBN-R6 SK <sup>1</sup> and YBN-R/6 <sup>1</sup> bases)	117g/04
DCD-AE3M	Conventional Class A1R rate of rise temperature heat detector (YBN-R/6M base)	117g/04
DFG-60BLKJ	Class A2 conventional fixed temperature water resistant heat detector	117g/05
DCD-CE3	Class CR conventional rate of rise high temperature heat detector (YCA-RL/3H2M <sup>1</sup> , YBN-R6 SK <sup>1</sup> and YBN-R/6 <sup>1</sup> bases)	117g/06
DCD-CE3M	Conventional Class CR rate of rise high temperature heat detector (YBN-R/6M base)	117g/06

For details of Cross-Listed products and alternative branding please see pages 5 and 6.

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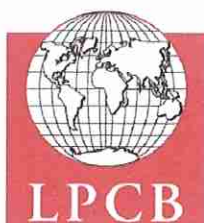
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Products		LPCB Ref. No.
ATG-E	Intelligent Analogue addressable heat sensor (YBN-R/3 <sup>1</sup> and YBO-R/SCI <sup>1</sup> bases) <sup>LP</sup> <i>Note: meets the requirements of EN54-5 at heat classes A1S, BS and CS</i>	117g/07
ATG-E(NP)	Intelligent Analogue addressable heat sensor (YBO-R/3 <sup>1</sup> , YBO-RSCI/NS <sup>1</sup> and YBO-R/SCI <sup>1</sup> bases) <sup>LP</sup> <i>Note: meets the requirements of EN54-5 at heat classes A1S, BS and CS</i>	117g/08
ACB-E	Intelligent Analogue addressable Class P heat detector (YBN-R/3 <sup>1</sup> and YBO-R/SCI <sup>1</sup> bases) <i>Note: Meets requirements of EN 54-5:2000 for classes A1R, A1S, BR, BS, CR and CS when used with ACB-E protocol and classes A1S, BS and CS when used with ATG-E protocol.</i>	117g/09
ACB-EW	Weather proof Intelligent Analogue addressable Class P heat detector <i>Note: Meets requirements of EN 54-5:2000 for classes A1R, A1S, BR, BS, CR and CS when used with ACB-E protocol and classes A1S, BS and CS when used with ATG-E protocol.</i>	117g/10

For details of Cross-Listed products and alternative branding please see pages 5 and 6.

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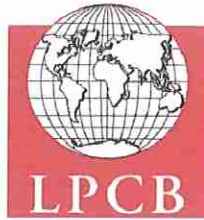
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### HOCHIKI CORPORATION

Products		LPCB Ref. No.
DCC-1EL	Conventional Class A2R heat detector (YBF-RL/4H3H <sup>1</sup> and YBF-RL/4H5H <sup>1</sup> bases)	117g/11
DFG-60BLJ	Conventional Class A2 fixed temperature water resistant heat detector	117g/12
<b>Bases</b>		
YBN-R/4IS	Conventional Intrinsically Safe Mounting base	
YCA-RL/3H2M	Addressable base	
YBN-R6 SK	Schottky diode base	
YBN-R/6	Standard base	
YBN-R/3	Standard base	
YBO-R/SCI	Positive Switching Short circuit isolating base	
YBO-RSCI/NS	Negative Switching Short circuit isolating base	
YBF-RL/4H3H	2 wire common mounting base	
YBF-RL/4H5H	2 wire common mounting base	
YBN-R/6M	Standard Base	

<sup>1</sup>Bases manufactured by Hochiki Europe. All other bases manufactured by Hochiki Corporation.

<sup>LP</sup>Denotes detector / base combination also approved in low power mode.

For details of Cross-Listed products and alternative branding please see pages 5 and 6.

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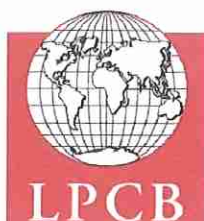
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## Appendix to Certificate

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**HOCHIKI CORPORATION**

### ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref No.	Model No.	Alternative Model No.	Labelled	Distributors Cert/Ref No.
117g/02	DFJ-AE3	1215110 DFJ-AE3(HFP) DFJ-AE3	HDR HFP Ceasefire Industries Ltd	117g/02 117g/02 117g-(cl-1)
117g/03	DFJ-CE3	1215120 DFJ-CE3(HFP)	HDR HFP	117g/03 117g/03
117g/04	DCD-AE3	DCD-AE3M 1217180 DCD-AE3(HFP)	Hochiki HDR HFP	117g/04 117g/04
117g/06	DCD-CE3	DCD-CE3M 1217190 DCD-CE3(HFP) DCD-CE3	Hochiki HDR HFP Ceasefire Industries	117g/06 117g/06 117g/06 117g-(cl-1)

For details of Cross-Listed products and alternative branding please see pages 5 and 6.

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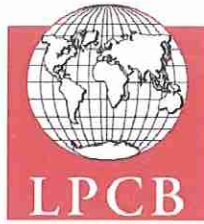
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117g/09	ACB-E	1410020 ACB-E(HFP) ACB-EM ACB-E	HDR HFP Hochiki Corporation Ceasefire	117g/09 117g/09 117g/09 117g-(cl-1)
164g	YBN-R/6	YBN/R6M	Hochiki Industries	164
164	YBN-R/3	YBN-R/3(HFP)	HFP	164
164	YBN-R/6	YBN-R/6(HFP)	HFP	164
164d/01	YBO-R/SCI	YBO-R/SCI(HFP)	HFP	164d/01

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