



# Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Cedificate No. 20 278 - 04 HH

Company Hochiki Europe (UK) Ltd.  
Grosvenor Road, Gillingham Business Park  
GB-Gillingham, Kent ME8 0SA

Product Description Fire Detectors  
Conventional Ionisation, Optical, Heat and Rise of Heat Detectors

Type SLR-EM, SLR-E3M, SLR-E-IS, DCD-R1EM, DCD-CE3M, DCD-1EM, DCD-AE3M, DCD-1E-IS, YBO-R/5M, YBN-R/4M, YBN-R/6M, MBB-1

Environmental Category C, EMC 1

Technical Data / Range of Application SLR-EM, SLR-E3M: : Conventional optical smoke detector  
SLR-E-IS: Intrinsically safe conventional optical smoke detector  
DCD-R1EM, DCD-CE3M: Conventional high temperature heat detector  
DCD-1EM, DCD-AE3M: Conventional heat detector  
DCD-1E-IS: Intrinsically safe conventional rate of rise heat detector

YBN-R/4M, YBN-R/6M: Standard mounting base  
YBO-R/5M: Mounting base with remote indicator output

MBB1: Marine back box

Certified safe type: EEX ia IIC T5 ( for "IS" types)


Test Standard Guidelines for the Performance of Type Approvals 2003

Documents Test report  
BRE, No 94412, 94410, 94411, 90716, 94408, 94409,  
LPC No 88577, 88579, 88583, 89111  
Certificates EECS BASOIALEX1021, BASOIALEX1281

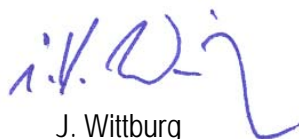
Remarks None

Valid until 2009-03-10

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File No. I.D.09  
Hamburg, 2005-09-23

Type Approval Symbol 

**Germanischer Lloyd**

  
J. Wittburg

  
H. Scheffler

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".