



GL Luxembourg

# EC Type Examination Certificate

of a Notified Body within the meaning of Article 9 of the Marine Equipment Directive 96/98/EC of 20 December 1996.

This is to certify that the equipment identified below has been tested in accordance with the relevant type approval procedures of the Marine Equipment Directive (MED) 96/98/EC, as amended, and was found in compliance with requirements of the specified standards contained therein subject to any conditions on the schedule attached hereto.

|                                 |   |
|---------------------------------|---|
| Certificate No.                 | 75 408 - 09 Lux   |
| Applicant                       | Hochiki Europe (UK) Ltd.<br><br>Grosvenor Road, Gillingham Business Park<br>Gillingham, Kent ME8 0SA, UNITED KINGDOM  |
| Manufacturer                    | Hochiki Europe (UK) Ltd.<br><br>Grosvenor Road, Gillingham Business Park<br>Gillingham, Kent ME8 0SA, UNITED KINGDOM  |
| Product Description             | Addressable Smoke Detector, Addressable Multi-Heat Detector,<br>Addressable Manual Call Point, Addressable Input / Output Devices                                   |
| Product Name                    | ALG-ENM, ALK-EM, ACB-EM, YBN-R/3M, YBO-R/SCIM, HCP-EM, HCP-WM,<br>CHQ-DRC/M(SCI), CHQ-DIM/M(SCI), CHQ-DSC/M(SCI), CHQ-SZM/M(SCI)                                    |
| Trade Name                      |   |
| Specified Standards             | EN 54-5 (2000) including A1(2002)<br>EN 54-7 (2000) including A1(2002) and A2(2006)<br>EN 54-11 (2001) including A1(2005)<br>IEC 60092-504 (2001), IEC 60533 (1999) |
| Related Directive               | 2008/67/EC  |
| Equipment Section               | Fire protection   |
| Item No.                        | A.1/3.51  |
| Conformity Assessment<br>Module | B   |
| Valid until                     | 2014-09-13  |



R. Brück



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## Schedule of Approval

### Additional Standards

EN 54-17 (2005), EN 54-18 (2005)

### Documents

Test report : TE243064, TE229246, TE229246a, TE226295, 226295-SW TE235000, TE235000-1, TE215840, TE226654, TE241495, TE237910, TE235177, 235177-SW, TE 2158-SW

### Technical Data

ALG-ENM: Addressable Smoke Detector (Pulsing/non-pulsing controlled from Fire Alarm Panel)

ALK-EM: Addressable Smoke Detector

ACB-EM: Addressable Multi-Heat Detector

YBN-R/3M: Base for Addressable Detectors

YBO-R/SCIM: Short Circuit Isolator Base for Addressable Detectors

HCP-EM: Addressable Manual Call Point IP24

HCP-WM: Addressable Manual Call Point IP67

CHQ-DRC/M(SCI): Analogue Dual Relay Controller

CHQ-DIM/M(SCI): Analogue Dual Input Module

CHQ-DSC/M(SCI): Analogue Dual Sounder Controller

CHQ-SZM/M(SCI): Analogue Single Zone Module

### Remarks

None

### Note:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer must inform the Notified Body named on this certificate of any modifications or changes to the approved product in order to obtain a valid certificate.

Should the specified standards be amended during the validity of this certificate, the product is to be re-approved prior to being placed on board the vessel to which the amended standards apply.

The mark of conformity may only be affixed to the above type approval equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.

### Wheelmark Format:



xxxx/yy

xxxx  
yy

Notified Body identification number undertaking surveillance module  
Last two digits of year mark affixed

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Luxembourg, 2009-09-28



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EC Identification No.: 0801