

EC CERTIFICATE TYPE EXAMINATION (MODULE B)

DNV·GL

This is to certify that:

DNV GL SE, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No. **13 974 - 15 HH**

Applicant **Hochiki Europe (UK) Ltd.**

**Grosvenor Road, Gillingham Business Park
Gillingham, Kent ME8 0SA, UNITED KINGDOM**

Product Description **Flame Detector**

Product Name **DRD-EM**

Trade Name **DRD-EM**

Specified Standards **EN 54-10 (2002) including A1(2005), IEC 60092-504 (2001)
including IEC 60092- 504 Corrigendum 1 (2011), IEC 60533 (1999).**

Related Directive **2013/52/EU**

Equipment Section **Fire protection**

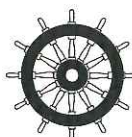
Annex A.1 Item No. **A.1/3.51e**

Date of Issue **2015-04-02**

Expiry Date **2020-04-01**

DNV GL SE

Notified Body No.: 0098




Christine Mydlak-Röder

Certificate No: 13 974 - 15 HH

Date of Issue: 2015-04-02

Schedule of Approval

Approval Documentation

Test report : TE255345a, TE296268

Documents: 7-0-000-1916-721, 7-0-000-1956/7-723, 7-0-000-1959-722, 7-0-000-1953-721, DRD-EM Specification, 1226150-00, YBN-R6M Data Sheet

Technical Data

DRD-EM: Conventional IR Flame Detector (Class 1)
Compatible Base
YBN-R/6M: Mounting Base
MBB-1: Marine Back Box

Remarks

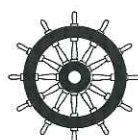
None

Limitations on the acceptance or use of the product

None

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE, as the Notified Body, of any modifications or changes to the approved equipment. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved 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.