

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00000YN**  
Revision No:  
**1**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive (EU) 2019/1397. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

## This is to certify:

**That the Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: Input/output devices**

with type designation(s)

**CHQ-DRC2/M(SCI), CHQ-DIM2/M(SCI), CHQ-DSC2/M(SCI), CHQ-SZM2/M(SCI), CHQ-DZM/M(SCI), CHQ-DZM/M(SCI)-IS, CHQ-SIM/M**

Issued to

**Hochiki Europe (UK) Ltd.  
Gillingham, Kent, United Kingdom**

is found to comply with the requirements in the following Regulations/Standards:

**item No. MED/3.51h. SOLAS 74 as amended, Regulation II-2/7 & X/3, 1994 HSC Code 7, 2000 HSC Code 7, FSS Code 9, IGF Code 11 and IMO MSC.1/Circ.1242**

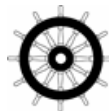
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-03-16**.

Issued at **Hamburg** on **2020-03-17**

DNV GL local station:  
**Southampton**

Approval Engineer:  
**Heinz Scheffler**



Notified Body  
No.: **0098**

for **DNV GL SE**

**Gerhard Aulbert**  
**Head of Notified Body**

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. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any 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.

Job Id: **344.1-005369-2**  
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## Product description

### Analogue Addressable Input / Output Device

CHQ-DRC2/M(SCI): Analogue Dual Relay Controller (with Isolator)  
CHQ-DIM2/M(SCI): Analogue Dual Input Module (with Isolator)  
CHQ-DSC2/M(SCI): Analogue Dual Sounder Controller (with Isolator)  
CHQ-SZM2/M(SCI): Analogue Single Zone Module (with Isolator)  
CHQ-DZM/M(SCI): Analogue Dual Zone Monitor (with Isolator)  
CHQ-DZM/M(SCI)-IS: I.S. Compatible Dual Zone Monitor (with Isolator)  
CHQ-SIM/M: Single Input Module (build in equipment)  
CHQ-SZM2/M(SCI): Single Zone Monitor (with Isolator)

## Application/Limitation

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body

## Type Examination documentation

**Test report:** TE251144, TE251144-SW, TE283696, TE-P106554-1001, 102287604LHD-012, 102287604LHD-002c, 103925944LHD-001j, TE 235000, TE-P101540-1001, SW-P101540-1001, TE-P107173-1001, TE 246037, 102287604LHD-013, 102287604LHD-002d, 103925944LHD-001e, TE243127, 101978111LHD-001, 101978111LHD-0021, 103925944LHD-001f, TE243066, TE243066-SW, TE268254, TE 268254-SW, TE-P104358-1001, 101978111LHD-013, 101978111LHD-002b, 103925944LHD-001g, P100108-1001, P100108-1001-SW,

### Documents:

General Assembly & Circuit Diagrams:

1433450-00, 1433460-00, 1433640-00, 1433750-00, 1433770-00, 1433820-00, 1433870-00

Installation Instructions:

2-3-0-1731, 2-3-0-1730, 2-3-0-1140

Product Specification (Datasheets):

CHQ-DIM2/M(SCI), CHQ-DRC2/M(SCI), CHQ-DSC2/M(SCI), CHQ-DZM/M(SCI), CHQ-DZM/M(SCI)-IS, CHQ-SZM2/M(SCI),

## Tests carried out

EN 54-18 (2005) including AC(2007), IEC 60092-504 (2016), IEC 60533 (2015)

## Marking of product

For identification to this type examination certificate the products shall be marked with:

- Manufacturer name
- Type designation with device type
- Serial Number
- Mark of Conformity (see footer on page 1)

END OF CERTIFICATE