# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
**MEDB0000B41**
Revision no.:
**0**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

## This is to certify:

that the **Low-location lighting systems (components only)**

with type designation(s)
**After-glow luminescent Secure Indication System Fire Safety Signs of types：MHF-G100P, MHF-G150P, MHF-G300P, MHF-G500P**

issued to
**ZHEJIANG MINHUI LUMINOUS TECHNOLOGY CO., LTD.**
**Lanxi City**, **China**

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/3.40** (Row **2 of 2**)
according to the following requirements:
**SOLAS 74 Reg. II-2/13, IMO Res. A.752(18), IMO Res. MSC.98(73)-(FSS Code) 11**

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

Date of issue: **2025-11-21**

Expiry date: **2030-11-20**

DNV local unit:
**Ningbo CMC**

Approval Engineer:
**Marcin Tobiasz**

Notified Body
no.: **0575**

for **DNV AS**

**Christine Mydlak-Röder**
**Head of Notified Body**

NORWEGIAN ACCREDITATION PROD 019

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 Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees (“DNV”) arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

## Product description

"After-Glow Luminescent Secure Indication System Fire Safety Signs MHF-G100P, MHF-G150P, MHF-G300P, MHF-G500P"
consisting of polyvinylchloride (PVC) and photoluminescent (PL) material.

| Model: | Thickness [mm] |
|---|---|
| MHF-G100P | 0.29 - 0.31 |
| MHF-G150P | 0.32 - 0.34 |
| MHF-G300P | 0.42 - 0.45 |
| MHF-G500P | 0.64 - 0.67 |

## Application/Limitation

Approved for use as low-location lighting system, escape route signs and fire equipment location marking.

Extent of arrangement, placing, width and luminance of the photoluminescent strips based on the ambient light are to be in accordance with IMO Res.A.752(18) or ISO 15370:2021 and is to be approved by the administration or competent authority in each case/project.

Photoluminescent strips having a width less than 75 mm shall only be used if the luminance is increased to compensate for the reduced width in accordance with Ch. 7.1 of IMO Res. A.752 (18) or Ch. 4.2.2 & Annex D of ISO 15370:2021.

Each product is to be supplied with its manual for installation, use and maintenance.

## Type Examination documentation

## Tests carried out

Tested according to ISO 15370:2021 incl. ISO 15370:2021 /A1:2023.

## Marking of product

The product or packing is to be marked with name of manufacturer, type designation, the MED Mark of Conformity, Notified Body No. and year of manufacture.