EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000B2V
Revision no.:
0

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the **C class divisions**

with type designation(s)
R&M MIT C-Class Ceiling System

issued to
R&M Marine Interior Turnkey Company (Shanghai) Ltd.
Shanghai,, China

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/3.64** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. II-2/3.10, SOLAS 74 Reg. II-2/3.33, SOLAS 74 Reg. II-2/9, IMO MSC/Circ.1120, SOLAS 74 Reg. II-2/3.10.

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

Date of issue: **2026-04-14**

Expiry date: **2031-04-13**

DNV local unit:
Shanghai

Approval Engineer:
Timo Linn

Notified Body
no.: **0098**

for **DNV SE**

Christine Mydlak-Röder
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment, signed February 27th, 2004, and amended by Decision No 1/2023 dated May 26th, 2023.
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 SE 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"R&M MIT C-Class Ceiling System"
consists of metal panels, metal tiles, and metal ceiling beams manufactured from aluminum or steel sheet. Components may be perforated or unperforated with material thicknesses ranging from 0.5 mm to 3 mm.

The visible surface of the metal ceiling elements may be finished with:

RM-PCS-1 (Meikale) / (AkzoNobel Interpon 700) powder coating
Max. coating thickness: 125 µm / 122 µm
Manufactured by R&M Alvedoor (Kunshan) Co., Ltd.
Color: all color

Acoustic inlay (optional)
Type: ISOVER glass tissue composite V1 and V2
Manufacturer: Isover
Thickness: 0.2 - 0.5 mm
Weight: 35 - 63 g/m²
Color: black

Panels may include a loose-laid insulation layer. The insulation material may be wrapped in a PE wrapping and is laid loose inside the panel element.
Approved insulation types:

Glass mineral wool – KIMMCO-ISOVER
Manufacturer: Kuwait Insulating Material Manufacturing Co. (KIMMCO)
Density: 24–48 kg/m³

Glass wool – BG-2 type
Manufacturer: Changzhou Thermal Insulation Material Factory Co., Ltd.
Density: 30–60 kg/m³

PE-Foil Type : RF4
Manufacturer: Weifang Hengrun Plastic Co., Ltd.
Thickness: 40 µm
Mass per unit area: 60 g/m²

Application/Limitation

Approved as C class division.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5.

Any surface materials used have to be approved for smoke and toxicity and low flame characteristic (IMO 2010 FTP Code parts 2 and 5) when required according to relevant rules.

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

Type Examination documentation

Tests carried out

Tested according to IMO 2010 FTP Code annex 2 item 1 and part 5 and annex 2, item 2.2 and 2.3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, the Mark of Conformity and USCG Approval Number if applicable (see first page).