

TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00008VY

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 Fire Doors

with type designation(s)
NV1 A0 Fire Door

issued to

NVL B.V. & Co. KG
Bremen, Germany

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

Regulation **(EU) 2024/1975**,

item No. MED/3.16. SOLAS 74 as amended, Regulation II-2/9, IMO 2010 FTP Code and IMO MSC.1/Circ.1511, IMO MSC.1/Circ.1319

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

This Certificate is valid until **2030-08-17**.

Issued at **Høvik** on **2025-08-18**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Grzegorz Wolski



Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
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 United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

“NV1 A0 Fire Door”

composed of single leafed hinged door with steel sheet made of 4.0 mm. The door blade is uninsulated. The steel sheet is fitted with internal horizontal T-Bars (for size see detailed documentation). Door frame is made of L-Bar with dimensions 120x70x10 mm.

Total thickness of door leaf: 54 mm.

The door leaf is fixed to the door frame with multiple hinges.

The door frame may be welded or bolted (bolts of type M12x20, max. spacing 100 mm) to the bulkhead.

The connection between door leaf and frame is sealed with silicone gasket.

The door is equipped with a locking system consisting of main handle connected to several fixing points.

The door leaf may be fitted with side scuttle of type “Contraflam Lite Marine” manufactured by Vetrotech Saint-Gobain, with glass thickness of 16 mm and total thickness including frame 38 mm, in the upper part of the door leaf.

For number of hinges, internal stiffeners and toggles see drawings.

For further details, see drawings listed under Type Examination documentation below.

Application/Limitation

The door is approved for installation in steel bulkheads of class A-0. Installation of the door in bulkheads made of other materials (aluminium, FRP, etc.) are subject to case-by-case approval.

Max. width size of door leaf: 1016 mm x 1866 mm (W x H)

Max. width of clear opening door: 900 mm x 1750 mm (W x H)

Max. clear opening window: Ø192 mm (W x H)

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

Note that this is a fire safety certificate which only covers fire technical properties (i.e. not to cover strength evaluations related to watertightness, weathertightness, etc.).

A fire door of marginally larger dimensions than a fire-tested fire door may be individually assessed and accepted by Flag Administration (or Recognized Organization acting on its behalf) for a specific project with the same classification, provided documented compliance with IMO MSC.1/Circ.1319.

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

Type Examination documentation

Test report No. DMT-DO-53-192-R1 translation revised 15 November 2024 from DMT, Lathen, Germany.

Assessment No. 8122373771, PPS4-Woi/Kru dated 06 March 2024 from DMT, Lathen, Germany.

Assessment No. 8122373777, PPS4-Woi/Kru dated 06 March 2024 from DMT, Lathen, Germany.

Drawing No. 510011-1611-K-133-003/01 dated 24 March 2023 from the manufacturer.

Drawing No. 510011-1611-K-991-003/00 dated 11 May 2023 from the manufacturer.

Drawing No. 510011-1611-K-713-013/00 dated 13 October 2022 from the manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code part 3.

The door has been successfully tested for extended test period of 68 minutes.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire technical rating (see first page).

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in DNV-CP-0338 Section 4.

USCG approval limitations

The approval is limited to fire doors without windows and doors with total window area of 645 cm², or less, in each door leaf. For larger windows, USCG shall be contacted.