

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008VN

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 Fire Doors

with type designation(s)
FDS2C-A-0.1 Type Class A-0 Marine Elevator Fire Door

issued to

DONGNAN ELEVATOR CO.,LTD.
Suzhou, China

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

Regulation (EU) 2023/1667,
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

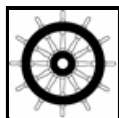
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-04-01**.

Issued at **Hamburg** on **2024-04-02**

DNV local unit:
Shanghai

Approval Engineer:
Marcin Tobiasz



Notified Body
No.: **0098**

for **DNV SE**

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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

“FDS2C-A-0.1 Type Class A-0 Marine Elevator Fire Door”

is an uninsulated double-leaf horizontal sliding door constructed of 1.5 mm thick steel sheet from corridor side and hat shape steel stiffeners on the other side fixed by spot welding.

The four-sided door frame (composed of left and right columns, top and bottom beams) is made of 1.5 mm thick steel plate and it is welded to the bulkhead.

Total thickness of door leaf is 60 mm.

The upper part of door leaf is fitted with a door hanging component.

The bottom of the door leaf is provided with the sill assembly.

For further details see type examination documentation below.

Application/Limitation

Approved for use as lift-landing door of class A-0.

Maximum door leaf size: 693.5 mm x 2225 mm (W x H).

Maximum clear door opening: 1300 mm x 2200 mm (W x H).

Restricted application: fire from corridor side.

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

Type Examination documentation

Test report No. FT20188 dated 2 July 2020 from Far East Fire Testing Centre, Shanghai, China.

Drawing No. FDS2C-A-0 dated 8 January 2020 from Far East Fire Testing Centre, Shanghai, China.

Drawing No. FDS2C-A-0.1 dated 8 January 2020 from Far East Fire Testing Centre, Shanghai, China.

Drawing No. FDS2C-A-0.1.1 dated 8 January 2020 from Far East Fire Testing Centre, Shanghai, China.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

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