

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000BC6
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 **A and "B" class fireproof windows and side scuttles**

with type designation(s)
Fixed ALU window clamp on Window A-30

issued to

C.C. Jensen Window A/S
Løvholmen 13
5700 Svendborg
Denmark,

is found to comply with the Implementing Regulation (EU) 2024/1975 for
Item no. **MED/3.25 (Row 1 of 1)**
according to the following requirements:
IMO Res. MSC.5(48)-(IGC Code) 3, IMO MSC/Circ.1120, SOLAS 74 Reg. II-2/9.

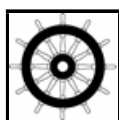
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-03-12**

Expiry date: **2031-03-11**

DNV local unit:
Denmark CMC

Approval Engineer:
Joanna Kowalczuk



Notified Body
no.: **0575**



for **DNV AS**

Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"Fixed ALU window clamp on Window A-30"

composed of aluminium frame, glass unit consisting of glass construction: 5 mm thick toughened glass ISO 614 (manufactured by Vetrotech Saint-Gobain), 3 mm thick fire layer, 4 mm thick toughened glass ISO 614, 3 mm thick fire layer, 4 mm thick toughened glass ISO 614, 3 mm thick fire layer, 5 mm thick toughened glass ISO 614, 15 mm air space with steel distance profile, 10 mm thick toughened glass ISO 614.

Total window thickness is 52 mm.

The window was connected to the bulkhead using 28 pieces of clamps, secured with torx button heads screws (M5 x 10).

Over the main frame, steel frame was installed and held in place by EDPM rubber gasketed and was insulated by a strip of ceramic fiber Insulfrax LTX.

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

Application/Limitation

The window is approved for installation in steel bulkheads of class A-30. Other applications are subject to case-by-case approval.

Maximum size of fire technical glazing unite: 1204 mm x 2204 mm (W x H)

Maximum size of clear opening: 1134 mm x 2134 mm (W x H)

Maximum size of window frame: 1303.6 mm x 2303.6 mm (W x H)

Restricted application: Fire against 5 mm toughened glass (fire from inside).

The window has only been evaluated with respect to fire technical properties (e.g. strength requirements have not been considered). Arrangement and location of any window is subject to approval from relevant authorities in each case.

Hose Stream test was carried out with satisfactory results according to IMO 2010 FTP Code Part 3 Appendix A.I.5.

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

Type Examination documentation

| Document No. | Rev. | Title |
|--------------|------|--|
| PGB10448A | 1 | Test Report dated 27 February 2025 from DBI, Hvidovre, Denmark |

Tests carried out

Tested according to 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 (see first page).