



Certificate No:  
**TAF00001KV**

# TYPE APPROVAL CERTIFICATE

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**This is to certify:**

**That the Class B Door**

with type designation(s)  
**B-15 Single Sliding Door**

Issued to

**Oy Saajos International Ltd.**  
**Lohja, Finland**

is found to comply with

**DNV rules for classification – Ships**

**DNV offshore standards**

**DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021**

**Application :**

**Approved for use as an integrated part of fire retarding division of class B-15.**

**This certificate is recognized by Transport Canada.**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.**

Issued at **Høvik** on **2021-09-23**

for **DNV**

This Certificate is valid until **2023-04-09**.

DNV local station: **Finland NB**

Approval Engineer: **Marcin Tobiasz**

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**Helene David-Andersen**  
**Head of Section**

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This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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

"B-15 Single Sliding Door"

Single leafed sliding door construction with door leaf consisting of 0.7-0.8 mm thick steel plates around an insulating core of 15.9 mm thick gypsum board parts. The insulating core is glued to the steel sheets by means of adhesive. The door frame is made of 2 mm thick, profiled steel plates.

The total thickness of the door leaf is 52 mm.

The door is tested and approved without the sill being part of the frame.

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

### Application/Limitation

The door is approved for installation in bulkheads of class B-15.

Max size of door leaf: 1410 x 2443 mm (w x h).

Max clear opening: 1308 x 2396 mm (w x h).

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

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.

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

### Type Approval documentation

Certification in accordance with Class Programme DNV-CP-0338, September 2021.

Test report No. RTE278/03 dated 25 April 2003 from VVT Technical Research Centre of Finland.

Drawing No. SA-20971 D dated 25 April 2003 from Saajos Oy.

Drawing No. SA-20976 B dated 25 April 2003 from Saajos Oy.

Drawing No. SA-21038 A dated 25 April 2003 from Saajos Oy.

### Tests carried out

Tested according to IMO 2010 FTP Code part 3.

### Marking of product

The product is to be marked with name of manufacturer, type designation, fire technical rating.

### Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, Equipment and Products (TP14612)", DNV confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

### 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 Class Programme DNV-CP-0338, Section 4.