

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00003VF**  
Revision No:  
**1**

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 GL AS under the authority of the Government of Norway.

## This is to certify:

### That the Fire Doors

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

Issued to  
**Oy Saajos International Ltd.**  
**LOHJA, Finland**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2017/306**,  
**item No. MED/3.16. SOLAS 74 as amended, Regulation II-2/9, IMO 2010 FTP Code and IMO MSC.1/Circ.1511**

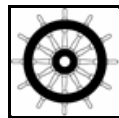
Further details of the equipment and conditions for certification are given overleaf.

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

Issued at **Høvik** on **2018-05-30**

DNV GL local station:  
**Turku**

Approval Engineer:  
**Aleksandr Jegorov**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Roald Vårheim**  
**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.

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 GL 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-000139-39**  
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## **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 in the test report listed under Type Examination documentation below.

## **Application/Limitation**

Approved for use as an integrated part of "B-15" class bulkheads.

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

Max clear opening: 1308 x 2396 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.

This door meets the requirements for 30 min integrity and 30 min insulation.

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

## **Type Examination documentation**

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

Drawing Nos. SA-20971 D, SA-20976 B and SA-21038 A, all dated 25 April 2003 from Saajos Oy.

## **Tests carried out**

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch. 8.

## **Marking of product**

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