

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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 HINGED DOOR TYPE G007**

Issued to  
**Baggerød AS**  
**HORTEN, Norway**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation (EU) 2019/1397,  
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

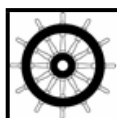
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-12-12**.

Issued at **Høvik** on **2019-12-13**

DNV GL local station:  
**Sandefjord**

Approval Engineer:  
**Grzegorz Wolski**



Notified Body  
No.: **0575**

for **DNV GL AS**

**Roald Vårheim**  
**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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



## Product description

"B-15 Hinged Door Type G007"

composed of single leafed hinged door with doorblades composed of 0,7 mm steel sheets and an insulating core of 40 mm SeaRox SL660 of nominal density 150 kg/m<sup>3</sup> manufactured by Rockwool. The door is fitted with three hinges.

Total doorblade thickness is 40 mm.

The door may also be fitted with:

- Ventilation grating, 330 mm x 210 mm (W x H) in middle of kickout panel.
- Window consisting of 15 mm Pilkington Pyrostop A/B 15 manufactured by Pilkington in upper part of door leaf.

For further details, see Type Examination documentation.

## Application/Limitation

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

|                                    |                            |
|------------------------------------|----------------------------|
| Max. clear door opening:           | 1000 mm x 2120 mm (W x H). |
| Max. size of door leaf:            | 1033 mm x 2132 mm (W x H). |
| Max. size of clear window opening: | 404 mm x 604 mm (W x H).   |

This fire door having larger dimensions than the fire-tested fire door may be individually assessed and accepted by the 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.

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.

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

## Type Examination documentation

Test Report No. 811-19TMAU-IMO dated 21 November 2019 from TUV Eesti, Maardu, Estonia.

Test Report No. PG11919 Serial No. 11801 dated 28 November 2008 from DIFT, Copenhagen, Denmark.

## Tests carried out

Tested according to IMO FTPC Part 3 (IMO Res. A.754(18)) and in compliance with IMO 2010 FTP Code Ch. 8.

The door has been successfully tested with extended test period of 18 minutes for insulation criteria and 36 minutes for integrity criteria.

## Marking of product

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