# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
**MERB00008SE**
Revision No:
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

**That the Fire Doors**

with type designation(s)
**Class A-60 Fire door - BOH.0340.II**

Issued to
**BOHAMET S.A.**
**Białe Błota, Poland**

is found to comply with the requirements in the following Regulations/Standards:
Regulation **MSN 1874 Amendment 7,**
**item No. UK/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 **2028-11-13**.

Issued at **London** on **2023-11-14**

for **DNV UK Ltd.**

DNV local unit:
**Gdynia**

Approval Engineer:
**Tessa Biever**

Approved Body No.: **0097**

**Christine Mydlak-Roeder**
**MER Service Responsible**

Maritime & Coastguard Agency
UK Approved Body Authorised by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.
During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved 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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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

"Class A-60 Fire door - BOH.0340.II"
Single-leafed door stiffened by flat bars composed of a steel sheet with thickness of 8 mm, insulated with two layers of 30 mm mineral wool of type 'Rockwool SeaRox SL 640' with density 130 kg/m$^3$ (manufactured by Rockwool International), attached to the door leaf by Ø3 x 40 mm pins. The insulation core is covered with a thin-walled steel sheet of 1.2 mm thick, fixed by steel rivets Ø4 x 12 mm with c/c 140 mm for stiffening through an expending gasket Promaseal PL. The inner part of this cover sheet is insulated by 2 x 6 mm mineral insulation of type Firemaster 607 Paper with density of 210 kg/m$^3$ (manufactured by Thermal Ceramics).

Total door leaf thickness is 100 mm.

The door leaf is fixed to the frame with two hinges. The door frame is constructed of a 8 mm thick steel plate, welded to the bulkhead.

The door is equipped with a BOH.DL_1 mechanism with a lever activating 8 bolts (3 on the vertical and one on the horizontal edges) and a lock with cylinder.

Optionally, the upper part of the door leaf can be equipped with a A-60 class window of type 'Bohflam A-60, with thickness 50 mm, 628 mm x 528 mm x R55 mm, manufactured by Bohamet. Between the glass retainings, one layer of 10 mm ceramic fibre insulation of type 'Promatect H' with density 870 kg/m$^3$ (manufactured by Promat Top) is provided.

For further details see drawings mentioned under Type Examination documentation.

## Application/Limitation

The door is approved for installation in steel bulkheads of class A-60. Installation of the door in bulkheads made of other materials (aluminium, FRP, etc.) are subject to case-by-case approval.

Restricted application: Fire against insulated side.

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|---|---|
| Max. clear opening: | 899 mm x 2200 mm (w x h). |
| Max. size door leaf: | 1162 mm x 2262 mm (w x h). |
| Max. clear opening of the window: | 300 mm x 600 mm (w x h). |

The insulation materials and adhesives used have to be approved according to the Marine Equipment Regulations and bear the UK Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

Note that this is a fire safety certificate which only covers fire technical properties (i.e. not to cover any evaluations related to watertightness, weathertightness etc.).

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

## Type Examination documentation

Test report No. LTO/17328o3/1/13 dated 29 November 2013 from PRS, Gdansk, Poland.

Drawing No. BOH.0340 Rev. 0 (9 sheets) from maker.

## 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 and the UK Mark of Conformity (see first page).