EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00001AJ

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive (EU) 2015/559. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

This is to certify:

That the Fire Doors
with type designation(s)
BJMB15 (II) Class B-15 Single Bulkhead Service Fire Door
Issued to

Huanan Building Materials (Shenzhen) Co., Ltd.

SHENZHEN GUANGDONG, China

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.16 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/and IMO 2010 FTP Code
Further details of the equipment and conditions for certification are given overleaf.
This Certificate is valid until **2021-07-25**.

Issued at **Hamburg** on **2016-07-26**

DNV GL local station:
China South CMC/ SIO
Approval Engineer:
Pavel Golyshev

Notified Body
No.: **0098**

for **DNV GL SE**

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Sven Dudszus
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 European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.
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 Council Directive 96/98/EC, as amended.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment.
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.

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Product description

"BJMB15 (II) Class B-15 Single Bulkhead Service Fire Door"
The door leaf consists of the following (acc. to Drawings Q262HN49-02-00SY, Q262HN49-02-05-00SY and Q262HN49-02-05-01-00SY):

- Face sheet I: 0.6 mm thick galvanized steel
- Insulating core: one layer of mineral rock wool manufactured by CSR (Guangdong) Rockwool Co., Ltd., type Fibertex Maritime R150 (density 150 kg/m³)
- Face sheet II: 0.6 mm thick galvanized steel

Door leaf is connected to the frame by 2 hinges.
Total thickness of door leaf: 30 mm.

Application/Limitation

The door is approved for use as an integrated part of fire retarding division of class B-15.
Maximum size of clear opening: 500 mm x 2050 mm (width x height).
The insulation materials and adhesives and gaskets 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 maintenance.

Type Examination documentation

Test report No. FT08226 dated 24th of October 2008, issued by Far East Fire Testing Centre (FEFTC), Shanghai, China.

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 or packing is to be marked with name of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable.