

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 the Kingdom of Norway.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
B50C-G Type Class B-15 Bulkhead

Issued to

CSSC - Jiangxi Chao Yang Machinery Plant
PENGZE JIANGXI, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306**,
item No. MED/3.11b. SOLAS 74 as amended, Regulation II-2.3.4 & II-2/9 and IMO 2010 FTP Code

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

This Certificate is valid until **2022-06-22**.

Issued at **Høvik** on **2017-06-23**

DNV GL local station:
Wuhan CMC

Approval Engineer:
Fryderyk Hoga



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body



Product description

"B50C-G Type Class B-15 Bulkhead"

is a bulkhead panel composed of two layers each of a 25 mm thick "KMD-Y-01" type rock wool core with nominal density of 120 kg/m³ (manufactured by Tianchang KMD New Insulation Material). Insulation is covered from both sides with 0.56 mm thick steel sheets bonded by means of adhesive. Clapboard made from 1.2 mm thick galvanized steel is fitted between insulation layers.

Panels are joined by means of clips at double faces, made from a 0.56 mm thick galvanized steel sheet.

The panels may incorporate total of five vertical cable grooves reinforced by a profile made from a 0.56 mm thick galvanized steel in size 50x23 mm.

Total panel thickness: 50 mm

For further details, please see documentation listed under Type Examination documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class B-15.

Max. panel size: 600 x 2500 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.

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

Type Examination documentation

Test report No. FT16087 dated 29 February 2016 from FEFTC Far East Fire Testing Centre, Shanghai, China.

Drawings No.

354CYC114-00SY (2 sheets)

Q/CYC02.448 (1 sheet)

Q/CYC02.432.1 (1 sheet)

Q/CYC02.449 (1 sheet)

Q/CYC02.449.1 (1 sheet)

Q/CYC02.430.1 (1 sheet)

Q/CYC02.450 (1 sheet)

Q/CYC02.450.1 (1 sheet)

Q/CYC02.470 (1 sheet)

354-16 (1 sheet)

all dated 14 December 2015 and from manufacturer.

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, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).