DNV·GL

Certificate No:
MEDB00004E5

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
CLP-P7

Issued to
Jiangyin Dongrui Decoration Materials Co., Ltd
Jiangyin, JIANGSU, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773,**
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 **2024-07-15**.

Issued at **Hamburg** on **2019-07-16**

DNV GL local station:
Jiangyin

Approval Engineer:
Karolina Kusmider

Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
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 Directive 2014/90/EU.
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. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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Product description

"CLP-P7"
is B-15 class marine high sound partition panel.

Bulkhead is composed is composed from the exposed side, of 0.6 mm thick galvanized steel plate, 19 mm thick rock wool plate of 120 kg/ m^3 nominal density(manufactured by Tianchang Kangmeida New Insulation Materials Co., Ltd), 10 mm air gap, , 19 mm thick rock wool plate of 120 kg/ m^3 nominal density(manufactured by Tianchang Kangmeida New Insulation Materials Co., Ltd), and 0.6 mm thick galvanized steel plate. Insulation material inside the structure is fixed by the adhesive.
In the second piece of bulkhead panel instead of partition layer there is 1 mm thick steel longitudinal cable duct installed.

The panels are connected to each other by means of 22 mm long wedged joints.

Total bulkhead panel thickness is 50 mm.

For further details, see the Type Examination documentation below.

Application/Limitation

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

The minimum distance between the lining panel and the structural steel bulkhead is 100 mm.

Max. panel size: 600 mm x 2460 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. FT16429 dated 19.12.2016 by Far East Fire Testing Centre, Shanghai, China.

Drawing. No. 262DR-P7-01, dated 2016-09-08 from Jiangyin Dongrui Decoration Materials Co. Ltd, China.
Drawing. No. 262DR-P7-02, dated 2016-09-08 from Jiangyin Dongrui Decoration Materials Co. Ltd, China.
Drawing. No. 262DR-P7-03, dated 2016-09-08 from Jiangyin Dongrui Decoration Materials Co. Ltd, China.
Drawing. No. 262DR-P7-04, dated 2016-09-08 from Jiangyin Dongrui Decoration Materials Co. Ltd, China.

Tests carried out

Tested according to IMO Resolution MSC.307(88) – 2010 FTP Code Annex 1, 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).