

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 Fire Doors**

with type designation(s)
LJXMB15 Type Class B-15 Repair Door

Issued to

CSSC - Jiangxi Chao Yang Machinery Co., Ltd.
PENGZE, JIANGXI, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773**,
item No. MED/3.16. SOLAS 74 as amended, Regulation II-2/9, IMO 2010 FTP Code and IMO MSC.1/Circ.1511

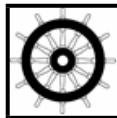
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-08-09**.

Issued at **Høvik** on **2018-08-10**

DNV GL local station:
Wuhan CMC

Approval Engineer:
Fryderyk Hoga



Notified Body
No.: **0575**

for **DNV GL AS**

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Roald Vårheim
Head of Notified Body



Product description

"LJXMB15 Type Class B-15 Repair Door"

Is a single leaf hinged door with door leaf composed of a 23 mm thick insulating core bonded by adhesive to 0.6 mm thick galvanized steel sheets on both sides. Insulation type "YG-2" is manufactured by Changzhou Thermal Insulation Material Factory with density of 150 kg/m³. Leaf edges are reinforced by 1.5 mm thick U-profile around the perimeter.

Total thickness of door blade: 25 mm.

The door leaf is connected to the frame with 2 hinges and is fitted with a lock type "CTD-J-1" with vertical connecting rod of ø8 mm.

The bulkhead panel is reinforced by a 1.5 mm thick U-profile around the perimeter, including also a fireproof sealing strip 14x10 mm. The door frame, made from a 1.5 mm thick L-profile, is bolted to the U-type reinforcing frame.

For further details, see test report and drawings listed under Type Examination documentation below.

Application/Limitation

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

Max. size of door leaf: 450 mm x 1747 mm (W x H)
Max. clear opening of door: 400 mm x 1700 mm (W x H)

Approved for installation in the tested bulkhead panels type B30C from CSSC - Jiangxi Chao Yang Machinery Plant. Installation in other panels may be approved case-by-case. Bulkhead panels have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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. FT13134 dated 04 June 2013 from FEFTC Far East Fire Testing Centre, Shanghai, China.

Drawings No.

- 261CYC29A-00SY (1 sheet)
- 261CYC29A-00 (1 sheet)

both dated 05 February 2013 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).