DNV·GL

Certificate No:
TAF000011M

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Horizontal Class B Division

with type designation(s)
WT25A Type Class B-15 Ceiling

Issued to
CSSC - Jiangxi Chao Yang Machinery Plant
PENGZE, JIANGXI, China

is found to comply with
DNV GL offshore standards
DNV GL rules for classification – Ships
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations

Application :

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

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Hamburg** on **2018-09-25**

This Certificate is valid until **2023-09-24**.
DNV GL local station: **Wuhan CMC**

Approval Engineer: **Timo Linn**

for **DNV GL**
Digitally Signed By: Kallies, Joerg
Location: DNV GL Hamburg, Germany
Signing Date: 09.10.2018

Jörg Kallies
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

"B-15 class fire retarding ceiling panel type WT25A"
consisting of 0.6 mm galvanized steel plates bound, with adhesive on both sides of an insulation core of 23,8 mm rock wool (KMD-Y-01) from Nanjing Kangmei Da New Type Insulation Materials Products Co., Ltd with density 150 kg/m³. The panels were joined together by wedges. The steel sheet on exposed side is perforated for sound damping purposes.

The ceiling is connected to deck with hanging profiles and T-type beam.

Maximum distance between T-type beam is 2500 mm.
Maximum distance between hanger sets is 1200 mm.
Maximum thickness of panel 25 mm.

For further details, see the Type Approval documentation below.

Application/Limitation

Any surface materials used have to be approved for smoke and toxicity and low flame spread characteristics to IMO 2010 FTP Code Part 2 and 5 (or IMO FTPC Part 2 and 5 when in compliance with the IMO 2010 FTP Code Ch. 5.2 and 8) when required according to relevant rules.

Maximum size of panel: 600 x 2500 mm (W x L).

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

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, October 2017.

Test Report No. FT12347, dated 15 January 2013 from Far East Fire Testing Centre (FEFTC), Shanghai, China.

Drawing No. 354CYC121A-00SY (p. 1 & 3), Q/CYC02.121A (p. 4) and Q/CYC02.177 (p. 16) dated 27 September 2012 from the manufacturer.

Tests carried out

Tested according to IMO Res. MSC.307(88) – 2010 FTP Code Annex 1, Part 3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation and fire-technical rating.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "*Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)",* DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.