EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00007SM

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 AS under the authority of the Government of Norway.

This is to certify:

That the Fire door control systems (components)

with type designation(s)
Class A-60 Pneumatic Fire Sliding Door Control Device

Issued to
Wuxi MNET Equipment Tech Co., Ltd.
Wuxi, Jiangsu, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2021/1158,**
item No. MED/3.17. SOLAS 74 as amended, Regulation II-2/9 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2027-04-19**.

Issued at **Høvik** on **2022-04-20**

DNV local station:
Jiangyin NB & CMC

Approval Engineer:
Thorvald Furuseth

Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.

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 AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

"Class A-60 Pneumatic Fire Sliding Door Control Device"
Consisting of cylinder, opening valve, key valve control box, button box, pressure pipe, cable, rigid pressure pipe, part of electric circuit of temperature sensor, all installed on the exposed side and another set of opening valve, key valve control box, compressed gas tank group, visual and audible alarm device and part of circuits installed outside the testing furnace.

Components of door control system on the exposed side like opening valve, key valve control box, button box are protected with composite of 2 mm thick steel plate and 17.5 mm thick ceramic wool TG-2 type (manufactured by Yixing ocean Ship Material Co., Ltd.) of nominal density 170 kg/m^3.

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

Application/Limitation

Approved for use as a fire door control system for approved single fire sliding door.

The fire door control system has only been evaluated with respect to fire technical properties.

Max. weight of door leaf to be actuated by this control system: 280 kg.

The fire door control system is to be installed and tested in accordance with SOLAS II-2/9.4.1.1.4 or HSC Code 7.9.3.3.

The maximum working pressure to open and close the sliding door is 0.5 MPa.

The insulation material used have to be approved according to the Marine Equipment Directive and bear The MED Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

The product is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Test report no. FT19259 dated 23 October 2019 from Far East Fire Testing Centre (FEFTC), Shanghai, China.

Drawing Nos.:
- 262WDL090-BZ3 dated 18 June 2019.
- 262WDL090A-00 (2 pages) dated 18 June 2019.
- 262WDL090A-01-00 dated 18 June 2019.

All from Wuxi Delin Marine and Ocean Technology (Group)Co., Ltd., Wuxi, China

Tests carried out

Tested according to 2010 FTP Code Part 4.

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).