EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000835

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)
EDS 200

Issued to
IMS Group AS
Akland, **Norway**

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 **2026-06-10**.

Issued at **Høvik** on **2022-07-01**

DNV local station:
West Norway CMC

Approval Engineer:
Helge Bjørnarå

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

EDS 200,
is an electrical fire door control system. Main system components are electrical motor, generator, insulated junction box for control system (JB01), insulated junction box for motor card (JB02) and temperature sensor box.

The insulated junction boxes (JB01 and JB02) are constructed of an inner and outer steel skin and an insulated core (Rigidur H Marine with density 1200 kg/m^3). Dimension of the boxes are 424 ± 5 mm x 178 ± 5 mm x 142 ± 2 mm (L x H x W).

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 fire sliding doors.

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

Maximum weight of door to be actuated by the control system: 800 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 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, use and maintenance.

Type Examination documentation

Test report No. 150080-15 dated 9 September 2020 from Rise, Trondheim, Norway.
Test report No. 150080-20 dated 17 September 2020 from Rise, Trondheim, Norway.

Drawing ‘Skott med dør STD’, Rev.0 dated 20 June 2020 from manufacturer.
Drawing ‘Door and frame STD’, Rev.0 dated 20 June 2020 from manufacturer.
Drawing No. 10052976 Rev.0 dated 20 June 2020 from manufacturer.
Drawing No. 10052977 Rev.0 dated 20 June 2020 from manufacturer.
Drawing No. 10053161 Rev.0 dated 20 June 2020 from manufacturer.
Drawing No. 10053162 Rev.0 dated 2 September 2020 from manufacturer.
Drawing No. 10058976 Rev.0 dated 6 August 2020 from manufacturer.
Drawing No. 10049805 Rev.0 dated 18 December 2018 from manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code part 4.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see first page).